

# SPECIFIER'S GUIDE



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# New Products from Videcon



In this guide, you'll find a wide range of CCTV equipment available from Videcon, and below is a summary of the key new products we've added to this edition of the guide.



**HD**

## HD-SDI Infra Red Camera - AIR3026-HD

See page 57

The AIR3026-HD is a new addition to our range of HD-SDI cameras. Just like the rest of our HD-SDI range it can capture footage at 1080p or 720p resolution, and is very easy to install. It has a 2.8-10mm lens and an Infra Red range of 20 metres.



**HD**

## HD-SDI DVRs - now including 8 & 16 Channel options

See pages 63-64

Our range of HD-SDI DVRs now includes options to suit all applications, with 4, 8 and 16 channel options, and a 16-channel hybrid option. The new 8 & 16 channel versions can all record at 1080p or 720p resolution and come with HDD sizes up to 12Tb.



## OEM Range for budget installations

See pages 68-78

For installations on more restricted budgets, this guide now includes our OEM product range, such as our eyeball cameras, vandal resistant domes and the Viola range of DVRs.



**videofied.**  
Made by RSI VIDEO TECHNOLOGIES

## Videofied by RSI Technologies

See pages 80 - 85

Videofied is a great way to secure difficult or problem locations such as unoccupied properties and building sites. It combines intruder detection with video footage, which can be remotely monitored to verify alarm calls and minimise unnecessary police call-outs.



**Redvision**

## RedVision

See pages 86 - 89

You can now buy the RedVision range of dome and PTZ cameras from Videcon. RedVision cameras work in any conditions, thanks to rugged aluminium housings with toughened windows, and they offer optical zoom of up to 28x.



**Luminite**

## Luminite

See pages 90 - 93

This guide also includes a selection of the Luminite range, all of which are available from Videcon. Their product range includes the Gemini range of wireless PIR detectors, and associated products such as wireless receivers and power supplies.



# About Concept Pro



**The Concept Pro range of CCTV equipment is exclusive to Videcon, and you can see the full range in this catalogue.**

**If you're looking for great value CCTV equipment that offers the quality of well-known brands at a competitive price, here's why you should consider the Concept Pro range:**

## Consistency

We know how frustrating it can be when your suppliers regularly change product specifications at short notice. That's why we only make spec changes when we have to, and only develop products that we know we can supply for the long term.

## Co-ordination

Concept Pro products are developed as part of a range, not just as individual products. This makes it easier for you to install them, and gives your customers a co-ordinated range of equipment, with a uniform look and feel. For example, our HD-SDI dome cameras share the same housing and installation method as the equivalent analogue cameras.

## Quality

The ultimate test of any product is the quality and ease of use. Concept Pro products regularly match and exceed the performance of more expensive products in independent tests. They receive excellent feedback for being simple to install and operate. Ask our sales team for copies of recent reviews of Concept Pro products.

**You can see the full Concept Pro range in this guide. If you'd like to arrange a demonstration of any Concept Pro product, call us on 01924 528000.**

# CBP3212

Concept  Pro

## MINI INTERNAL COLOUR FIXED DOME

### KEY FEATURES

- 1/3" SONY SUPER HAD
- 480 TVL
- 0.3 LUX
- 3.6MM LENS



ARC

### OTHER FEATURES

- 12V DC
- 120mA
- 90mm(Ø) x 62mm(H)
- 150g
- Auto White Balance
- Auto Gain Control
- Auto Back Light Compensation
- Tri-Axis Gimbal

### DESCRIPTION

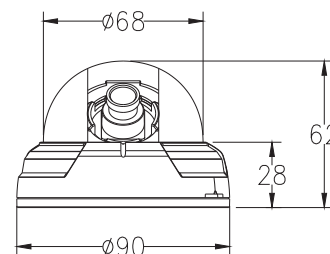
The new ARC range from Concept Pro offers dome cameras for a wide range of CCTV installations. Whether you need internal, external, vandal resistant, or day-night cameras, all are included in the new ARC range.

The ARC range has been developed to offer you quality and reliability at a competitive price. Even our entry level models have an impressive range of features as standard.

This entry-level camera offers a discreet, compact option for customers looking to install internal CCTV cameras. Although normally used in good lighting conditions, this camera is capable of operating down to 0.3 Lux.

### SPECIFICATION

MODEL	CBP3212
Image Sensor	Sony Super HAD
Effective Pixels	PAL: 500(H) x 582(V) ; NTSC: 510(H) x 494(V)
Horizontal Resolution	480TVL
Min. Illumination	0.3Lux/F1.2
Lens	Fixed Lens f=3.6mm
Day & Night	Colour Only
S/N Ratio	more than 48dB
White Balance	AUTO
AGC	AUTO
BLC	AUTO
Sync System	Internal
BNC Video Output	CVBS 1.0Vp-p / 75Ω
Input Voltage	12v DC
Power Consumption	120mA
Operating Temperature	-10°C~ +50°C RH90% MAX
Dimension	90mm (Dia.) x 62mm (H)
Weight	150g



## INTERNAL ENTRY LEVEL COLOUR STANDARD RESOLUTION

### KEY FEATURES

- 1/3" SONY SUPER HAD
- 420 TVL
- 0.3 LUX
- 4MM LENS



ARC

### OTHER FEATURES

- 12V DC
- 120MA
- 148mm(ø) x 106mm(H)
- 650G
- Auto White Balance
- Auto Gain Control
- Auto Back Light Compensation
- Service Video Output
- Tri-Axis Gimbal

### DESCRIPTION

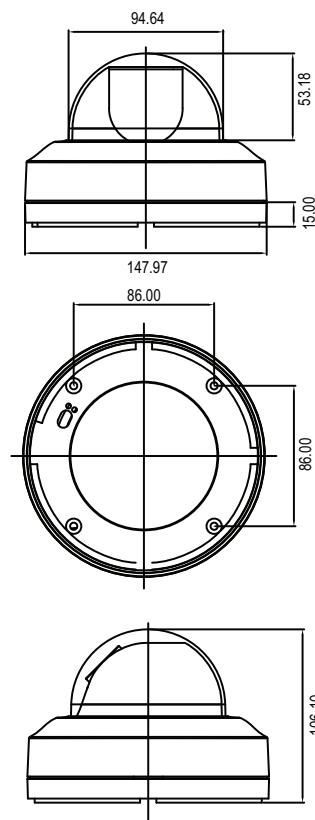
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The ARC range has been developed to offer you quality and reliability at a competitive price. Even our entry level models have an impressive range of features as standard.

This camera is suitable where a more robust internal camera is required. The CBP4304 operates down to 0.3 Lux

### SPECIFICATION

MODEL	CBP4304
Image Sensor	Sony Super HAD
Effective Pixels	PAL: 500(H) x 582(V) ; NTSC: 510(H) x 494(V)
Horizontal Resolution	420TVL
Min. Illumination	0.3Lux/F1.2
Lens	Fixed Lens f=4mm
Day & Night	Colour Only
S/N Ratio	More than 48dB
White Balance	AUTO
AGC	AUTO
BLC	AUTO
Sync System	Internal
BNC Video Output	CVBS 1.0Vp-p / 75Ω
Input Voltage	12v DC
Power Consumption	120mA
Operating Temperature	-10°C~ +50°C RH90% MA
Dimension	148mm(Dia.) x 106mm(H)
Weight	650g



# CBP4324

Concept  Pro

## INTERNAL ENTRY LEVEL COLOUR STANDARD RESOLUTION

### KEY FEATURES

- 1/3" SONY SUPER HAD
- 420 TVL
- 0.3 LUX
- 4~9MM VARIFOCAL LENS

### OTHER FEATURES

- 12V DC
- 120mA
- 148mm(ø) x 106mm(H)
- 650g
- Auto White Balance
- Auto Gain Control
- Auto Back Light Compensation
- Service Video Output
- Tri-Axis Gimbal

### SPECIFICATION

MODEL	CBP4324
Image Sensor	Sony Super HAD
Effective Pixels	PAL: 500(H) x 582(V) ; NTSC: 510(H) x 494(V)
Horizontal Resolution	420TVL
Min. Illumination	0.3Lux/F1.2
Lens	Auto Iris Vari-focal lens F=4-9mm
Day & Night	Colour Only
S/N Ratio	more than 48dB
White Balance	AUTO
AGC	AUTO
BLC	AUTO
Sync System	Internal
BNC Video Output	CVBS 1.0Vp-p / 75Ω
Input Voltage	12v DC
Power Consumption	120mA
Operating Temperature	-10°C ~ +50°C RH90% MA
Dimension	148mm(Dia.) x 106mm(H)
Weight	650g

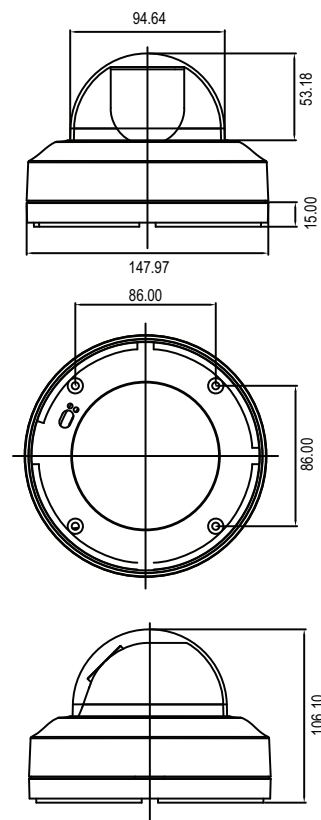


### DESCRIPTION

The new ARC range from Concept Pro offers dome cameras for a wide range of CCTV installations. Whether you need internal, external, vandal resistant, or day-night cameras, all are included in the new ARC range.

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This camera is suitable where a more robust internal camera is required. The CBP4324 operates down to 0.3 Lux



# CBP5112 & CBP5212

## INTERNAL ENTRY LEVEL COLOUR STANDARD RESOLUTION

### KEY FEATURES

#### CBP5112

- 1/3" SONY SUPER HAD
- 420 TVL
- 0.3 LUX
- 3.6MM LENS

#### CBP5212

- 1/3" SONY SUPER HAD
- 480 TVL
- 0.3 LUX
- 3.6MM LENS



ARC

### OTHER FEATURES

- 12V DC
- 120mA
- 128mm(Ø) x 93mm(H)
- 410g
- Auto White Balance
- Auto Gain Control
- Auto Back Light Compensation
- Tri-Axis Gimbal

### DESCRIPTION

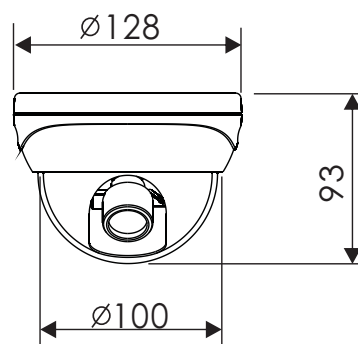
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These entry-level cameras offer a discreet, compact option for customers looking to install internal CCTV cameras. Although normally used in good lighting conditions, these cameras are all capable of operating down to 0.3 Lux.

### SPECIFICATION

MODEL	CBP5112	CBP5212
Image Sensor	Sony Super HAD	
Effective Pixels	PAL: 500(H) x 582(V) ; NTSC: 510(H) x 494(V)	
Horizontal Resolution	420TV	480TVL
Min. Illumination	0.3Lux/F1.2	
Lens	Fixed Lens f=3.6mm	
Day & Night	Colour Only	
S/N Ratio	More than 48dB	
White Balance	AUTO	
AGC	AUTO	
BLC	AUTO	
Sync System	Internal	
BNC Video Output	CVBS 1.0Vp-p / 75Ω	
Input Voltage	12v DC	
Power Consumption	120mA	
Operating Temperature	-10°C~ +50°C RH90% MAX	
Dimension	128mm(Dia.) x 93mm(H)	
Weight	410g	





# CBP5314

Concept  Pro

## INTERNAL COLOUR HIGH RESOLUTION

### KEY FEATURES

- 1/3" SONY EXVIEW HAD CCD II
- SONY EFFIO DSP
- TRUE 650TVL
- 0.03 LUX
- 4MM LENS

### OTHER FEATURES

- 12V DC
- 200mA
- 148mm(ø) x 106mm(H)
- 650g
- On Screen Display
- 4 Privacy Zones
- Motion Detection (4 Zones)
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Service Video Output
- Tri-Axis Gimbal
- ATR (D-WDR)
- DNR

### SPECIFICATION

MODEL	CBP5314
Image Sensor	1/3" Sony ExView HAD CCD II
DSP	Sony Effio
Signal system	PAL/NTSC
Effective pixel	PAL: 976(H)x582(V) ; NTSC 976(H)x494(V)
Resolution	650TV Lines
Min. illumination	0.03 Lux / F1.2 IRE40
Lens	Fixed Lens f=4mm
Day & Night	Colour only
S/N Ratio	more than 52dB(AGC Off)
IR LED	N/A
Control Method	Multi-language OSD
ES	1/50-1/100,000sec(PAL)
White Balance	ATW/ PUSH/ USER1/ USER2/ ANTI CR/Manual/PUSH LOCK
AGC	AGC Can be adjustable by OSD
BLC	ON/OFF
DNR	2D DNR
HLC	ON/OFF
Privacy Masking Function	4 Zones
Motion Detection	4 Zones
Sync. Mode	Internal
Video Output	1.0V P-P,75 Ohm
Power Supply	DC 12V
Power Consumption	200mA MAX
Operation Temperature	-10°C~ +50°C RH90% MAX
Dimension	148mm(Dia.) x 106mm(H)
Weight	650g



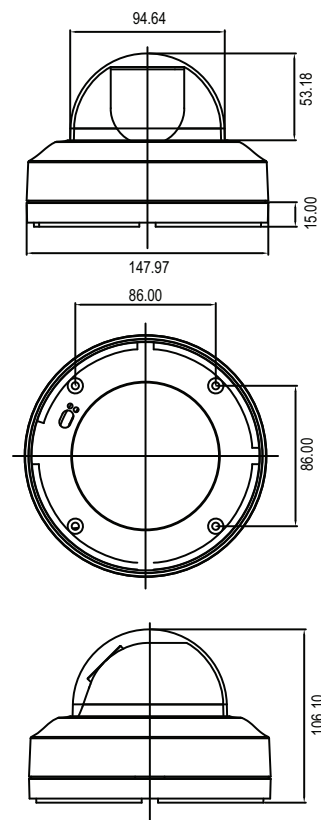
ARC

### DESCRIPTION

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The ARC range has been developed to offer you quality and reliability at a competitive price. Even our entry level models have an impressive range of features as standard.

For systems that require higher resolution internal images, this dome camera offers resolutions of True 650 TVL. The CBP5314 includes a wide range of features as standard, and is easy to set up and install thanks to an On Screen Display and a Service Video Output.



# CBP6324 & CBP6324-B

Concept  Pro

## INTERNAL COLOUR HIGH RESOLUTION

### KEY FEATURES

- 1/3" SONY EXVIEW HAD CCD II
- SONY EFFIO DSP
- TRUE 650TVL
- 0.03 LUX
- 2.8~10MM VARIFOCAL LENS

### OTHER FEATURES

- 12V DC/24V AC
- 200mA (Max)
- 148mm(ø) x 106mm(H)
- 650g
- On Screen Display
- 4 Privacy Zones
- Motion Detection (4 Zones)
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Service Video Output
- Tri-Axis Gimbal
- ATR (D-WDR)
- DNR

### SPECIFICATION

MODEL	CBP6324 / CB6324-B
Image Sensor	1/3" Sony ExView HAD CCD II
DSP	Sony Effio
Signal system	PAL/NTSC
Effective pixel	PAL: 976(H)x582(V) ; NTSC 976(H)x494(V)
Resolution	650TV Lines
Min. Illumination	0.03 Lux / F1.2 IRE40
Lens	Auto IRIS Vari-focal lens F=2.8-10mm
Day & Night	Colour only
S/N Ratio	more than 52dB (AGC Off)
IR LED	N/A
Control Method	Multi-language OSD
ES	1/50-1/100,000sec(PAL)
White Balance	ATW/ PUSH/ USER1/ USER2/ ANTI CR/Manual/PUSH LOCK
AGC	AGC Can be adjustable by OSD
BLC	ON/OFF
DNR	2D DNR
HLC	ON/OFF
Privacy Masking Function	4 Zones
Motion Detection	4 Zones
Sync. Mode	Internal
Video Output	1.0V P-P,75 Ohm
Power Supply	DC12V/AC 24V
Power Consumption	200mA MAX
Operation Temperature	-10°C~ +50°C RH90% MAX
Dimensions	148mm(Dia.) x 106mm(H)
Weight-	650g

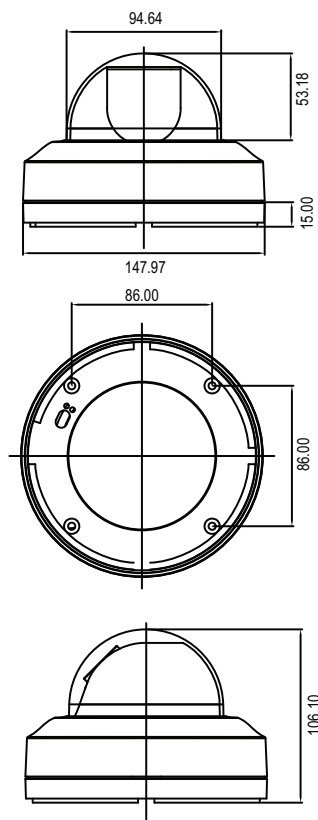


### DESCRIPTION

The new ARC range from Concept Pro offers dome cameras for a wide range of CCTV installations. Whether you need internal, external, vandal resistant, or day-night cameras, all are included in the new ARC range.

The ARC range has been developed to offer you quality and reliability at a competitive price. Even our entry level models have an impressive range of features as standard.

For systems that require higher resolution internal images, this dome camera offers resolutions of True 650 TVL. The CBP6324-B includes a wide range of features as standard, and is easy to set up and install thanks to an On Screen Display and a Service Video Output.



### Order Codes

- CBP6324 White Casing
- CBP6324-B Black Casing

# CBP6324DN

Concept  Pro

## INTERNAL COLOUR MONO HIGH RESOLUTION

### KEY FEATURES

- 1/3" SONY EXVIEW HAD CCD II
- SONY EFFIO DSP
- 650TVL COLOUR
- 700TVL MONO
- 0.03 LUX COLOUR
- 0.003 LUX MONO
- 2.8-10MM VARIFOCAL

### OTHER FEATURES

- 12V DC/24V AC
- 200mA (Max)
- 148mm(ø) x 106mm(H)
- 650g
- True Colour Mono (ICR)
- On Screen Display
- 4 Privacy Zones
- Motion Detection (4 Zones)
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Service Video Output
- Tri-Axis Gimbal
- ATR (D-WDR)
- DNR

### SPECIFICATION

MODEL	CBP6324DN
Image Sensor	1/3" Sony ExView HAD CCD II
DSP	Sony Effio
Signal system	PAL/NTSC
Effective pixel	PAL: 976(H)x582(V) ; NTSC 976(H)x494(V)
Resolution	650TV Lines in Colour 700TV Lines in B&W
Min. illumination	0.03 Lux/F1.2 IRE40 (Colour) 0.003 Lux (B&W)
Lens	Auto IRIS Vari-focal lens F=2.8-10mm
Day & Night	True day and night With ICR
S/N Ratio	More than 52dB(AGC Off)
IR LED	N/A
Control Method	Multi-language OSD
ES	1/50-1/100,000sec(PAL)
White Balance	ATW/ PUSH/ USER1/ USER2/ ANTI CR/Manual/PUSH LOCK
AGC	AGC Can be adjustable by OSD
BLC	ON/OFF
DNR	2D DNR
HLC	ON/OFF
Privacy Masking Function	4 Zones
Motion Detection	4 Zones
Sync. Mode	Internal
Video Output	1.0V P-P/75 Ohm
Power Supply	DC12V/AC 24V
Power Consumption	200mA MAX
Operation Temperature	-10°C~ +50°C RH90% MAX
Dimension	148mm(Dia.) x 106mm(H)
Weight	650g

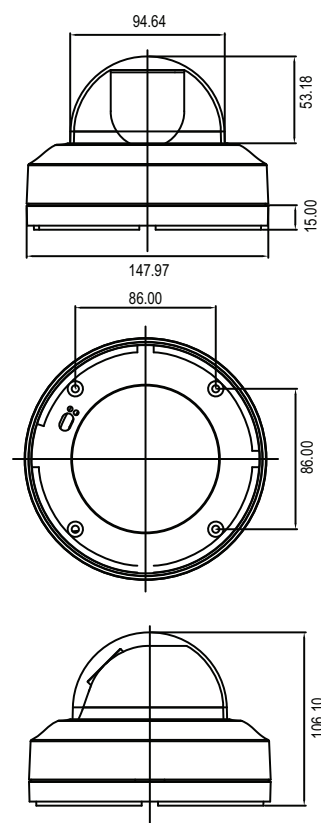


### DESCRIPTION

The new ARC range from Concept Pro offers dome cameras for a wide range of CCTV installations. Whether you need internal, external, vandal resistant, or day-night cameras, all are included in the new ARC range.

The ARC range has been developed to offer you quality and reliability at a competitive price. Even our entry level models have an impressive range of features as standard.

The CBP6324DN Day/Night camera works down to 0.003 Lux, at resolutions of 650 TVL Colour and 700 TVL mono. The CBP6324DN includes a varifocal lens and a Service Video Output, making it easy to install and use as part of any installation requiring day/night cameras.



## INTERNAL INFRA RED HIGH RESOLUTION

### KEY FEATURES

- 1/3" SONY SUPER HAD II CCD
- SONY EFFIO DSP
- 580 TVL COLOUR
- 600 TVL MONO
- 0.3 LUX COLOUR
- 0.008 LUX (IR LED ON)
- 21 IR LEDS
- UP TO 15M IR RANGE
- 4MM LENS

### OTHER FEATURES

- 12V DC
- 320mA (Max)
- 148mm(ø) x 106mm(H)
- 650g
- Colour Mono
- On Screen Display
- Privacy Zones
- Motion Detection
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Service Video Output
- Tri-Axis Gimbal
- ATR (D-WDR)
- DNR

### SPECIFICATION

MODEL	CBP6314DNIR
Image Sensor	1/3" Sony SUPER HAD II CCD
DSP	Sony Effio
Signal system	PAL/NTSC
Effective pixel	PAL: 752(H)x582(V) / NTSC: 768(H)x494(V)
Resolution	600 TV Line
Min. Illumination	0.03 Lux/F1.2 IRE40 (0.008 Lux IR LEDS ON)
Lens	Fixed Lens f=4mm
Day & Night	Software Day night w/o ICR
S/N Ratio	more than 50dB (AGC Off)
IR LED	21pcs IR LEDS
Control Method	Multi-language OSD
ES	1/50-1/100,000sec (PAL)
White Balance	ATW/ PUSH/ USER1/ USER2/ ANTI CR/Manual/PUSH LOCK
AGC	AGC Can be adjustable by OSD
BLC	ON/OFF
DNR	2D DNR
HLC	ON/OFF
Privacy Masking Function	4 Zones
Motion Detection	4 Zones
Sync. Mode	Internal
Video Output	1.0V P-P, 75 Ohm
Power Supply	DC 12V
Power Consumption	-10°C~ +50°C RH90% MAX
Operation Temperature	320mA MAX
Dimensions	148mm(Dia.) x 106mm(H)
Weight	650g

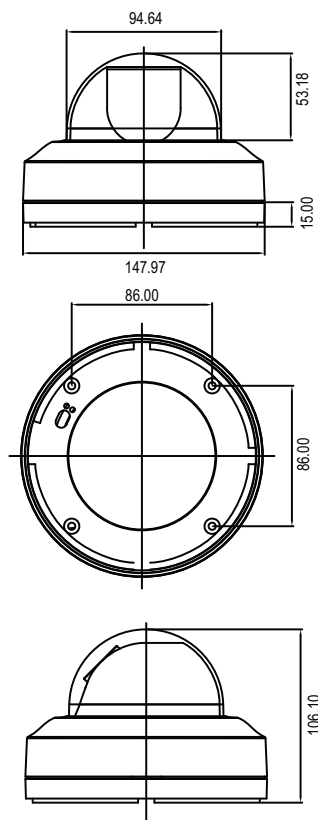


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The ARC range has been developed to offer you quality and reliability at a competitive price. Even our entry level models have an impressive range of features as standard.

For systems that require higher resolution internal images, the CBP6314DNIR camera offers resolutions of upto 600 TVL. The CBP6314DNIR includes a wide range of features as standard, and are easy to set up and install thanks to an On Screen Display and a Service Video Output.



# CBP6324DNIR

Concept  Pro

## INTERNAL INFRA RED HIGH RESOLUTION

### KEY FEATURES

- 1/3" SONY SUPER HAD II CCD
- SONY EFFIO DSP
- 650TVL COLOUR
- 700TVL MONO
- 0.03 LUX COLOUR
- 0.003 LUX (IR LED ON)
- 21 IR LEDS
- UP TO 15M IR RANGE
- 2.8-10MM VARIFOCAL LENS

### OTHER FEATURES

- 12V DC / 24V AC
- 350mA (Max)
- 148mm(ø) x 106mm(H)
- 650g
- Colour Mono
- On Screen Display
- 4 Privacy Zones
- Motion Detection (4 Zones)
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Service Video Output
- Tri-Axis Gimbal
- ATR (D-WDR)
- DNR

### SPECIFICATION

MODEL	CBP6324DNIR
Image Sensor	1/3" Sony SUPER HAD II CCD
DSP	Sony Effio
Signal system	PAL/NTSC
Effective pixel	PAL: 976(H)x582(V) NTSC 976(H)x494(V)
Resolution	650TV Lines in Colour, 700TV Lines in B&W
Min. illumination	0.03 Lux/F1.2 IRE40 (0 Lux IR LEDS ON)
Lens	Auto IRIS Vari-focal lens F=2.8-10mm
Day & Night	True day and night With ICR
S/N Ratio	more than 52dB(AGC Off)
IR LED	21pcs IR LEDS
Control Method	Multi-language OSD
ES	1/50-1/100,000sec(PAL)
White Balance	ATW/ PUSH/ USER1/ USER2/ ANTI CR/Manual/PUSH LOCK
AGC	AGC Can be adjustable by OSD
BLC	ON/OFF
DNR	2D DNR
HLC	ON/OFF
Privacy Masking Function	4 Zones
Motion Detection	4Zones
Sync. Mode	Internal
Video Output	1.0V P-P,75 Ohm
Power Supply	DC12V/AC 24V
Power Consumption	-10°C~ +50°C RH90% MAX
Operation Temperature	350mA MAX
Dimension	148mm(Dia.) x 106mm(H)
Weight	650g

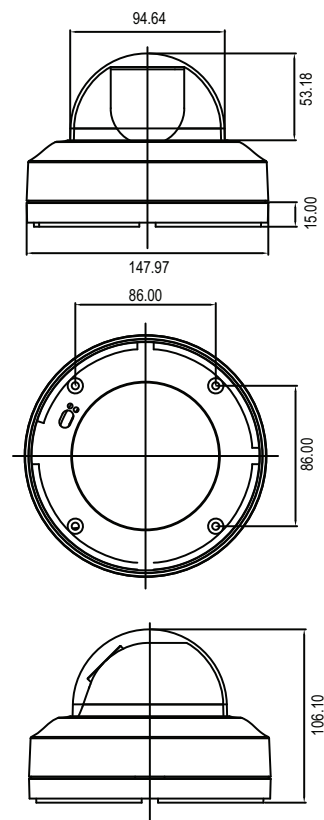


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For systems that require higher resolution internal images, the CBP6324DNIR camera offers resolutions of up to 650 TVL. The CBP6324DNIR includes a wide range of features as standard, and are easy to set up and install thanks to an On Screen Display and a Service Video Output.





## INTERNAL COLOUR MONO HIGH RESOLUTION

### KEY FEATURES

- 1/3" PIXIM SEAWOLF
- 690 TVL COLOUR
- 700 TVL MONO
- 0.1 LUX/F1.2
- 0.012LUX(DSS)
- 2.8~10MM VARIFOCAL LENS
- WIDE DYMANIC RANGE (WDR)



ARC

### OTHER FEATURES

- 12V DC/24V AC
- 200MA Max
- 148mm(ø) x 106mm(H)
- 650g
- True Colour Mono (ICR)
- True WDR >120dB
- On Screen Display
- DSS/Sens Up X64
- 12 Privacy Zones
- Motion Detection (4 Zones)
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Service Video Output
- Tri-Axis Gimbal
- 3DNR

### DESCRIPTION

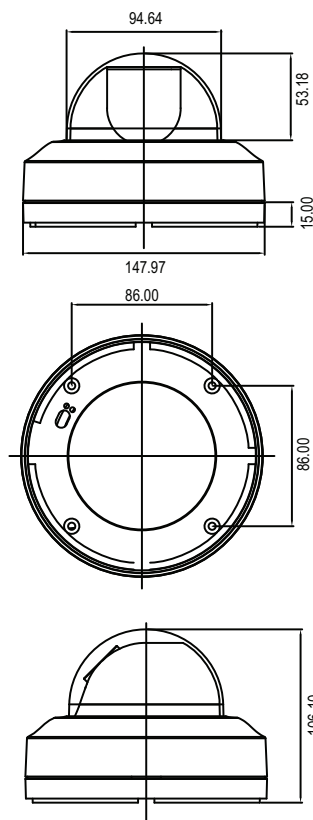
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For systems that require higher resolution internal images, this dome camera offers resolutions of 690 TVL. The CBP6324WDR includes a wide range of features as standard, and is easy to set up and install thanks to an On Screen Display and a Service Video Output.

### SPECIFICATION

MODEL	CBP6324WDR
Image Sensor	Pixim Seawolf
Signal system	Pixim support both PAL/NTSC
Effective pixel	Total: 768(H)*548(V) Active: 758(H)*540(V)
Resolution	690TV Lines
Min. illumination	0.1 Lux/F1.2 0.012lux (DSS.)
Lens	Auto IRIS Vari-focal lens F=2.8-10mm
Day & Night	True day and night with ICR
S/N Ratio	Dynamic Range 102dB Typical 120dB MAX
Control Method	Multi-Language OSD
ES	1/50-1/100,000sec
White Balance	ATW/AWB
AGC	0-34dB(OSD Adjustable)
BLC	Auto
DNR	3D DNR
Dynamic Range	WDR more 120dB
Digital Zoom	32X.Max
Privacy Masking Function	12 Zones
Motion Detection	4 Zones
Sync. Mode	Internal/Line lock
Video output	1.0V P-P,75 Ohm
Power Supply	DC12V/AC 24V
Power Consumption	200mA Max
Operation Temperature	-10°C~ +50°C RH90% MAX
Dimensions	148x106 (DxH)
Weight	650g



# CVP9304

Concept  Pro

VANDAL RESISTANT COLOUR ENTRY LEVEL STANDARD RESOLUTION

## KEY FEATURES

- 1/3" SONY SUPER HAD
- 420 TVL
- 0.3 LUX
- 4MM LENS

## OTHER FEATURES

- 12V DC
- 120mA
- 148.35mm(Ø) x 105mm(H)
- 950g
- Auto White Balance
- Auto Gain Control
- Auto Back Light Compensation
- Service Video Output
- Tri-Axis Gimbal
- IP66

## SPECIFICATION

MODEL	CVP9304
Image Sensor	Sony Super HAD
Effective Pixels	PAL: 500(H) x 582(V) ; NTSC: 510(H) x 494(V)
Horizontal Resolution	420TVL
Min. Illumination	0.3Lux/F1.2
Lens	Fixed Lens f=4mm
Day & Night	Colour Only
S/N Ratio	More than 48dB
White Balance	AUTO
AGC	AUTO
BLC	AUTO
Sync System	Internal
BNC Video Output	CVBS 1.0Vp-p / 75Ω
Input Voltage	12v DC
Power Consumption	120mA
Operating Temperature	-10°C ~ +50°C RH90% MAX
Dimension	148.35(Dia.) x 105mm(H)
Weight	950g



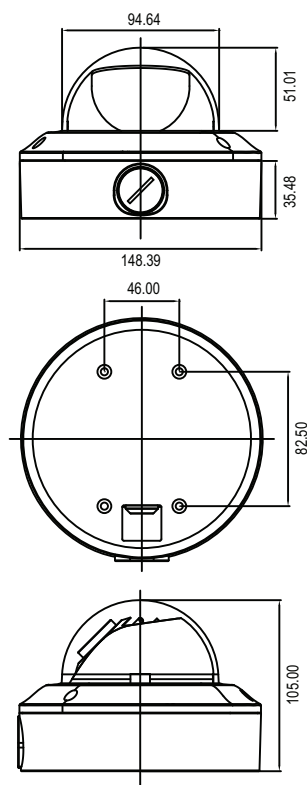
ARC

## DESCRIPTION

The new ARC range from Concept Pro offers dome cameras for a wide range of CCTV installations. Whether you need internal, external, vandal resistant, or day-night cameras, all are included in the new ARC range.

The ARC range has been developed to offer you quality and reliability at a competitive price. Even our entry level models have an impressive range of features as standard.

This camera is suitable where a more robust camera is required. The CVP9304 operates down to 0.3 Lux and offers the added protection of being vandal resistant.



## ACCESSORIES

### CVP-BRK

- **Vandal Resistant Dome Bracket**  
One bracket fits all external CVP domes



## VANDAL RESISTANT COLOUR HIGH RESOLUTION

### KEY FEATURES

- 1/3" SONY EXVIEW HAD CCD II
- SONY EFFIO DSP
- TRUE 650 TVL
- 0.03 LUX
- 4MM LENS

### OTHER FEATURES

- 12V DC
- 200mA(Max)
- 148.35mm(ø) x 105mm(H)
- 950g
- On Screen Display
- 4 Privacy Zones
- Motion Detection (4 Zones)
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Service Video Output
- Tri-Axis Gimbal
- ATR (D-WDR)
- DNR
- IP66

### SPECIFICATION

MODEL	CVP9314
Image Sensor	1/3" Sony ExView HAD CCD II
DSP	Sony Effio
Signal system	PAL/NTSC
Effective pixel	PAL: 976(H)x582(V) ; NTSC 976(H)x494(V)
Resolution	650TV Lines
Min. Illumination	0.03 Lux/F1.2 IRE40
Lens	Fixed Lens f=4mm
Day & Night	Colour only
S/N Ratio	More than 52dB(AGC Off)
IR LED	N/A
Control Method	Multi-language OSD
ES	1/50-1/100,000sec(PAL)
White Balance	ATW/ PUSH/ USER1/ USER2/ ANTI CR/Manual/PUSH LOCK
AGC	AGC Can be adjustable by OSD
BLC	ON/OFF
DNR	2D DNR
HLC	ON/OFF
Privacy Masking Function	4 Zones
Motion Detection	4 Zones
Sync. Mode	Internal
Video Output	1.0V P-P,75 Ohm
Power Supply	DC12V
Power Consumption	200mA MAX
Operation Temperature	-10°C~ +50°C RH90% MAX
Dimensions	148.35(Dia.) x 105mm(H)
Weight	950g



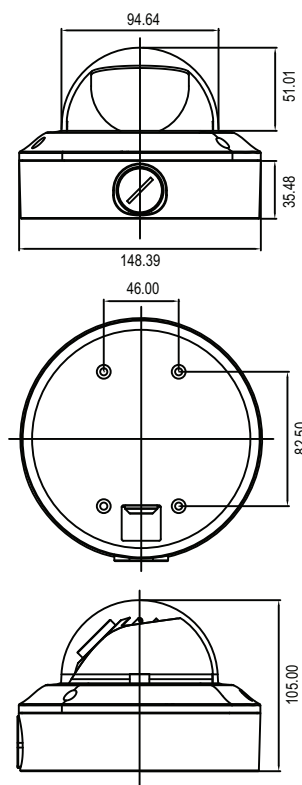
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### ACCESSORIES

#### CVP-BRK

- Vandal Resistant Dome Bracket
- One bracket fits all external CVP domes



# CVP9324

Concept  Pro

## VANDAL RESISTANT COLOUR HIGH RESOLUTION

### KEY FEATURES

- 1/3" SONY EXVIEW HAD CCD II
- SONY EFFIO DSP
- TRUE 650 TVL
- 0.03 LUX
- 2.8~10MM VARIFOCAL LENS

### OTHER FEATURES

- 12V DC / 24V AC
- 200mA(Max)
- 148.35mm(ø) x 105mm(H)
- 950g
- On Screen Display
- 4 Privacy Zones
- Motion Detection (4 Zones)
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Service Video Output
- Tri-Axis Gimbal
- ATR (D-WDR)
- DNR
- IP66

### SPECIFICATION

MODEL	CVP9324
Image Sensor	1/3" Sony ExView HAD CCD II
DSP	Sony Effio
Signal system	PAL/NTSC
Effective pixel	PAL: 976(H)x582(V) ; NTSC 976(H)x494(V)
Resolution	650TV Lines
Min. illumination	0.03 Lux/F1.2 IRE40
Lens	Auto IRIS Vari-focal lens F=2.8-10mm
Day & Night	Colour only
S/N Ratio	More than 52dB(AGC Off)
IR LED	N/A
Control Method	Multi-language OSD
ES	1/50-1/100,000sec(PAL)
White Balance	ATW/ PUSH/ USER1/ USER2/ ANTI CR/Manual/PUSH LOCK
AGC	AGC Can be adjustable by OSD
BLC	ON/OFF
DNR	2D DNR
HLC	ON/OFF
Privacy Masking Function	4 Zones
Motion Detection	4 Zones
Sync. Mode	Internal
Video Output	1.0V P-P,75 Ohm
Power Supply	DC12V/AC 24V
Power Consumption	200mA MAX
Operation Temperature	-10°C~ +50°C RH90% MAX
Dimensions	148.35(Dia.) x 105mm(H)
Weight	950g



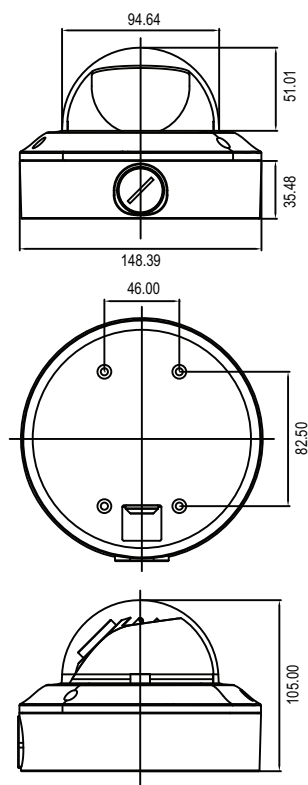
ARC

### DESCRIPTION

The new ARC range from Concept Pro offers dome cameras for a wide range of CCTV installations. Whether you need internal, external, vandal resistant, or day-night cameras, all are included in the new ARC range.

The ARC range has been developed to offer you quality and reliability at a competitive price. Even our entry level models have an impressive range of features as standard.

The CVP9324 camera combines a secure, vandal resistant housing with resolutions of True 650 TVL. For external use, the CVP9324 includes vandal resistant camera with IP66 weatherproof rating.



### ACCESSORIES

#### CVP-BRK

- Vandal Resistant Dome Bracket
- One bracket fits all external CVP domes



## VANDAL RESISTANT COLOUR MONO HIGH RESOLUTION

### KEY FEATURES

- 1/3" SONY EXVIEW HAD CCD II
- SONY EFFIO DSP
- 650TVL COLOUR
- 700TVL MONO
- 0.03 LUX COLOUR
- 0.003 LUX MONO
- 2.8~10MM VARIFOCAL LENS

### OTHER FEATURES

- 12V DC / 24V AC
- 200mA(Max)
- 148.35mm(ø) x 105mm(H)
- 950g
- True Colour Mono (ICR)
- On Screen Display
- 4 Privacy Zones
- Motion Detection (4 Zones)
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Service Video Output
- Tri-Axis Gimbal
- ATR (D-WDR)
- DNR
- IP66

### SPECIFICATION

MODEL	CVP9324DN
Image Sensor	1/3" Sony ExView HAD CCD II
DSP	Sony Effio
Signal system	PAL/NTSC
Effective pixel	PAL: 976(H)x582(V) ; NTSC 976(H)x494(V)
Resolution	650TV Lines in Colour 700TV Lines in B&W
Min. Illumination	0.03 Lux/F1.2 IRE40 (Colour) 0.003 Lux (B&W)
Lens	Auto IRIS Vari-focal lens F=2.8-10mm
Day & Night	True day and night With ICR
S/N Ratio	More than 52dB(AGC Off)
IR LED	N/A
Control Method	Multi-language OSD
ES	1/50-1/100,000sec(PAL)
White Balance	ATW/ PUSH/ USER1/ USER2/ ANTI CR/Manual/PUSH LOCK
AGC	AGC Can be adjustable by OSD
BLC	ON/OFF
DNR	2D DNR
HLC	ON/OFF
Privacy Masking Function	4 Zones
Motion Detection	4 Zones
Sync. Mode	Internal
Video Output	1.0V P-P,75 Ohm
Power Supply	DC12V/AC 24V
Power Consumption	200mA MAX
Operation Temperature	-10°C~ +50°C RH90% MAX
Dimension	148.35(Dia.) x 105mm(H)
Weight	950g



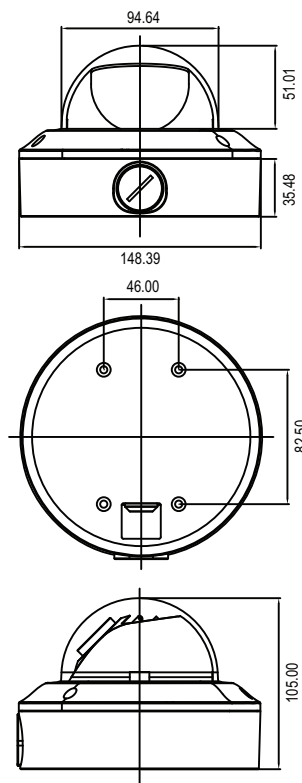
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### DESCRIPTION

The new ARC range from Concept Pro offers dome cameras for a wide range of CCTV installations. Whether you need internal, external, vandal resistant, or day-night cameras, all are included in the new ARC range.

The ARC range has been developed to offer you quality and reliability at a competitive price. Even our entry level models have an impressive range of features as standard.

The CVP9324DN Day/Night camera works down to 0.003 Lux, at resolutions of 650 TVL Colour and 700 TVL mono. The CVP9324DN includes a varifocal lens and a Service Video Output, making it easy to install and use as part of any installation requiring day/night cameras.



### ACCESSORIES

#### CVP-BRK

- **Vandal Resistant Dome Bracket**  
One bracket fits all external CVP domes





# CVP9314DNIR

Concept  Pro

## VANDAL RESISTANT INFRA RED HIGH RESOLUTION

### KEY FEATURES

- 1/3" SONY SUPER HAD II CCD
- SONY EFFIO DSP
- 580TV LINES COLOUR
- 600TV LINES MONO
- 0.3 LUX COLOUR
- 0.008 LUX (IR LED ON)
- 21 IR LEDS
- UP TO 15M IR RANGE
- 4MM LENS

### OTHER FEATURES

- 12V DC
- 320mA(Max)
- 148.35mm(ø) x 105mm(H)
- 950g
- Colour Mono
- On Screen Display
- 4 Privacy Zones
- Motion Detection (4 Zones)
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Service Video Output
- Tri-Axis Gimbal
- ATR (D-WDR)
- DNR
- IP66

### SPECIFICATION

MODEL	CVP9314DNIR
Image Sensor	1/3" Sony SUPER HAD II CCD
DSP	Sony Effio
Signal system	PAL/NTSC
Effective pixel	PAL: 752(H)x582(V) / NTSC: 768(H)x494(V)
Resolution	600TV Lines
Min. illumination	0.03 Lux/F1.2 IRE40 (0.008 Lux IR LEDS ON)
Lens	Fixed Lens f=4mm
Day & Night	Software Day night w/o ICR
S/N Ratio	more than 50dB(AGC Off)
IR LED	21pcs IR LEDS
Control Method	Multi-language OSD
ES	1/50-1/100,000sec(PAL)
White Balance	ATW/ PUSH/ USER1/ USER2/ ANTI CR/Manual/PUSH LOCK
AGC	AGC Can be adjustable by OSD
BLC	ON/OFF
DNR	2D DNR
HLC	ON/OFF
Privacy Masking Function	4 Zones
Motion Detection	4 Zones
Sync. Mode	Internal
Video Output	1.0V P-P,75 Ohm
Power Supply	DC 12V
Power Consumption	-10°C~ +50°C RH90% MAX
Operation Temperature	320mA MAX
Dimension	148.35(Dia.) x 105mm(H)
Weight	950g



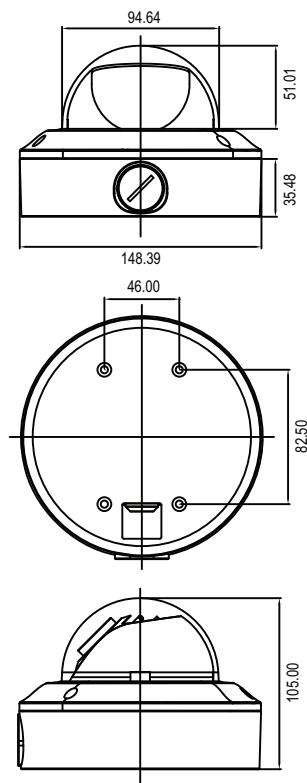
ARC

### DESCRIPTION

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For systems that require higher resolution internal images, the CVP9314DNIR camera offers resolutions of upto 600 TVL. The CVP9314DNIR includes a wide range of features as standard, and are easy to set up and install thanks to an On Screen Display and a Service Video Output.



### ACCESSORIES

#### CVP-BRK

- Vandal Resistant Dome Bracket
- One bracket fits all external CVP domes



# CVP9324DNIR

Concept  Pro

VANDAL RESISTANT INFRA RED HIGH RESOLUTION

## KEY FEATURES

- 1/3" SONY SUPER HAD II CCD
- SONY EFFIO DSP
- 650TV LINES COLOUR
- 700TV LINES MONO
- 0.3 LUX COLOUR
- 0.03 LUX (IR LED ON)
- 21 IR LEDS
- UP TO 15M IR RANGE
- 2.8~10MM VARIFOCAL LENS

## OTHER FEATURES

- 12V DC / 24V AC
- 320mA(Max)
- 148.35mm(ø) x 105mm(H)
- 950g
- True Colour Mono (ICR)
- On Screen Display
- 4 Privacy Zones
- Motion Detection (4 Zones)
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Service Video Output
- Tri-Axis Gimbal
- ATR (D-WDR)
- DNR
- IP66

## SPECIFICATION

MODEL	CVP9324DNIR
Image Sensor	1/3" Sony Super HAD II CCD
DSP	Sony Effio
Signal system	PAL/NTSC
Effective pixel	PAL: 976(H)x582(V) ; NTSC 976(H)x494(V)
Resolution	650TV Lines in Colour 700TV Lines in B&W
Min. illumination	0.03 Lux/F1.2 IRE40 (0.03 Lux IR LEDS ON)
Lens	Auto IRIS Vari-focal lens F=2.8-10mm
Day & Night	True day and night With ICR
S/N Ratio	more than 52dB(AGC Off)
IR LED	21pcs IR LEDS
Control Method	Multi-language OSD
ES	1/50-1/100,000sec(PAL)
White Balance	ATW/ PUSH/ USER1/ USER2/ ANTI CR/Manual/PUSH LOCK
AGC	AGC Can be adjustable by OSD
BLC	ON/OFF
DNR	2D DNR
HLC	ON/OFF
Privacy Masking Function	4 Zones
Motion Detection	4 Zones
Sync. Mode	Internal
Video Output	1.0V P-P,75 Ohm
Power Supply	DC12V/AC 24V
Power Consumption	320mA MAX
Operation Temperature	-10°C~ +50°C RH90% MAX
Dimension	148.35mm(Dia.) x105mm(H)
Weight	950g



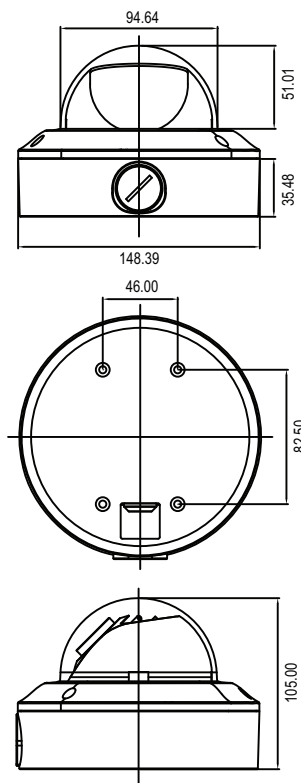
ARC

## DESCRIPTION

The new ARC range from Concept Pro offers dome cameras for a wide range of CCTV installations. Whether you need internal, external, vandal resistant, or day-night cameras, all are included in the new ARC range.

The ARC range has been developed to offer you quality and reliability at a competitive price. Even our entry level models have an impressive range of features as standard.

For systems that require higher resolution internal images, the CVP9324DNIR camera offers resolutions of up to 700 TVL. The CVP9324DNIR includes a wide range of features as standard, and are easy to set up and install thanks to an On Screen Display and a Service Video Output.



## ACCESSORIES

### CVP-BRK

- **Vandal Resistant Dome Bracket**  
One bracket fits all external CVP domes



# CVP9324LL

Concept  Pro

VANDAL RESISTANT LOW LIGHT HIGH RESOLUTION

## KEY FEATURES

- 1/3" SONY SUPER HAD II CCD
- 600 TVL
- 0.1 LUX
- 0.0002 LUX DSS ON
- 2.8~10MM VARIFOCAL LENS
- LOW LIGHT - IDEAL FOR DARK LOCATIONS

## OTHER FEATURES

- 12V DC/24V AC
- 1.6W (Max)
- 148.35mm(Ø) x 105mm(H)
- 950g
- Colour Mono
- On Screen Display
- Sens Up/DSS X256
- 4 Privacy Zones
- Motion Detection (4 Zones)
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Service Video Output
- Tri-Axis Gimbal
- 3DNR
- D-WDR
- IP66

## SPECIFICATION

Model	CVP9324LL
Image Sensor	1/3" Sony SUPER HAD II CCD
Signal system	PAL/NTSC
Effective pixel	PAL: 752(H)x582(V) NTSC: 768(H)x494(V)
Resolution	600TV Lines
Min. illumination	0.1 Lux/F1.2 0.0002lux(Sens up x 256)
Lens	Auto IRIS Vari-focal lens F=2.8-10mm
Day & Night	Auto/Manual/Colour/B/W selectable
S/N Ratio	More than 50dB(AGC Off)
Control Method	OSD
ES	AUTO / MANUAL
	X256 ~1/50-1/150,000sec(PAL)
	Sens-up and Sens-up Limit is selectable
White Balance	ATW
AGC	0-34dB(OSD Adjustable)
BLC	Auto
DNR	3D DNR
Dynamic Range	Digital WDR
Digital Zoom	32X.Max
Privacy Masking Function	8 Zones
Motion Dection	4 Zones
Sync. Mode	Internal/Line lock
Video Output	1.0V P-P,75 Ohm
Power Supply	DC12V/AC 24V
Power Consumption	1.6W MAX
Operation Temperature	-10°C~ +50°C RH90% MAX
Dimension	148.35mm(Dia.) x 105mm(H)
Weight	950g



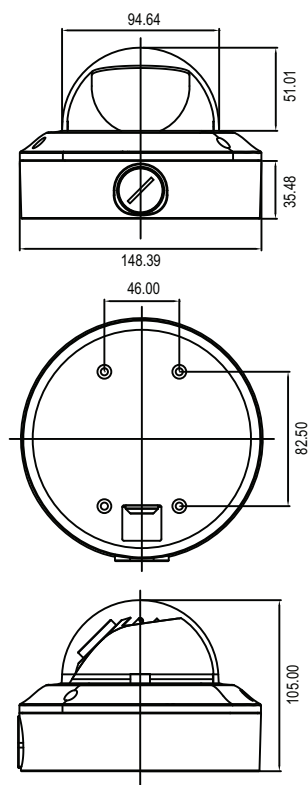
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The CVP9324LL offers DSS enabling it to work in very low light conditions down to 0.0002 Lux. It also comes with a varifocal lens and is vandal resistant.



## ACCESSORIES

### CVP-BRK

- **Vandal Resistant Dome Bracket**  
One bracket fits all external CVP domes



# CVP9324WDR

Concept  Pro

VANDAL RESISTANT COLOUR HIGH RESOLUTION

## KEY FEATURES

- 1/3" PIXIM SEAWOLF
- 690 TVL COLOUR
- 700 TVL MONO
- 0.1 LUX/F1.2
- 0.012LUX (DSS)
- 2.8~10MM VARIFOCAL LENS
- WIDE DYNAMIC RANGE (WDR)

## OTHER FEATURES

- 12V DC / 24V AC
- 200mA Max
- 148.35mm(ø) x 105mm(H)
- 950g
- True Colour Mono (ICR)
- True WDR >120dB
- On Screen Display
- DSS/Sens Up X64
- 12 Privacy Zones
- Motion Detection (4 Zones)
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Service Video Output
- Tri-Axis Gimbal
- 3DNR
- IP66

## SPECIFICATION

MODEL	CVP9324WDR
Image Sensor	Pixim Seawolf
Signal system	Pixim support both PAL/NTSC
Effective pixel	Total: 768(H)*548(V) Active: 758(H)*540(V)
Resolution	690TV Lines
Min. Illumination	0.1 Lux/F1.2 0.012lux(DSS)
Lens	Auto IRIS Vari-focal lens F=2.8-10mm
Day & Night	True day and night with ICR
S/N Ratio	Dynamic Range 102dB Typical 120dB MAX
Control Method	Multi-Language OSD
ES	1/50-1/100,000sec
White Balance	ATW/AWB
AGC	0-34dB(OSD Adjustable)
BLC	Auto
DNR	3D DNR
Dynamic Range	WDR more 120dB
Digital Zoom	32X.Max
Privacy Masking Function	12 Zones
Motion Detection	4 Zones
Sync. Mode	Internal/Line lock
Video output	1.0V P-P,75 Ohm
Power Supply	DC12V/AC 24V
Power Consumption	200mA MAX
Operation Temperature	-10°C~ +50°C RH90% MAX
Dimensions	148.35x105 (DxH)
Weight	950g



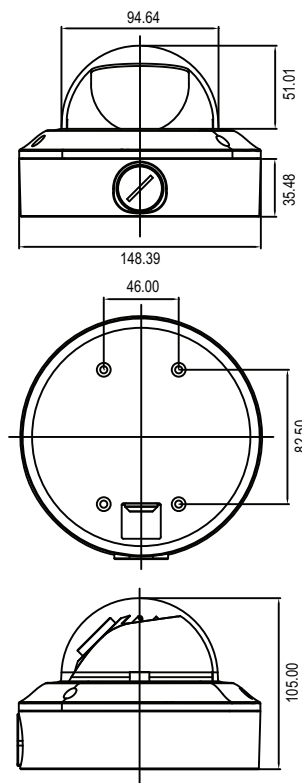
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For systems that require higher resolution internal images, this dome camera offers resolutions of 690 TVL. The CVP9324WDR includes a wide range of features as standard, and is easy to set up and install thanks to an On Screen Display and a Service Video Output.



## ACCESSORIES

### CVP-BRK

- Vandal Resistant Dome Bracket
- One bracket fits all external CVP domes



ARC FIXED DOMES

AIR IR CAMERAS

HIGH SPEED DOMES

BODY CAMERAS

VH24 DVR

MONITORS

HD-SDI

OEM

VIDEOHED

REDVISION

LUMINITE

# AIR1514/4

Concept  Pro

## WEATHERPROOF COLOUR/MONO IR CAMERA

### KEY FEATURES

- 1/3" SONY CCD
- 420TVL COLOUR
- 470TVL MONO
- 1.0 LUX COLOUR
- 0.0 LUX (IR LED ON)
- 18 IR LEDS
- 13M IR RANGE
- 3.6MM FIXED LENS

### OTHER FEATURES

- 12V DC
- 230MA (Max)
- 182 X 70 X 81mm
- 530G
- 850NM
- Cable Managed Bracket
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Internal / External
- IP66 Rated
- Weatherproof

### SPECIFICATION

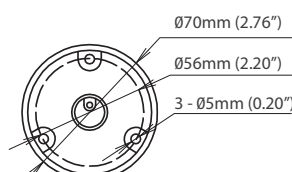
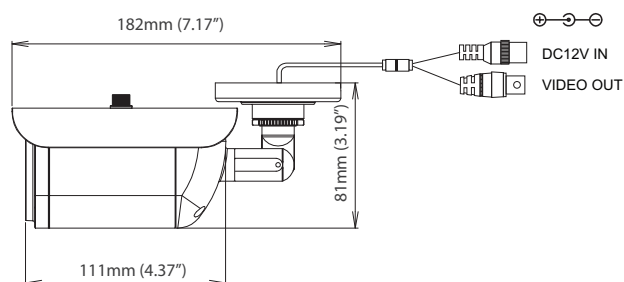
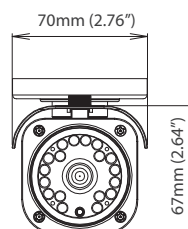
ITEM	AIR1514/4
Type	Colour/Monochrome
Signal System	PAL
CCD	1/3" Sony Colour
Picture Elements	537 (H) x 597 (V)
Resolution	420 TVL
Minimum Illumination	0 Lux (IR LED ON)
Vertical Frequency	50Hz
Horizontal Frequency	15.625KHz
Clock Frequency	28.375MHz
Scanning System	2:1 Interlace
S/N Ratio	≥48dB
Electronic Shutter	1/50-1/100,000S
Lens	3.6MM
White Balance	AUTO Tracking
Back Light Compensation	ON
Auto Gain Control	ON
Gamma	0.45
Video Output	1V p-p, 75Ω
Power Supply	DC12V ±10%
Current Consumption	230mA (MAX)
IR Effect Distance	18m (59.0ft) (Outdoor)
Dimensions	182mmx70mmx81mm (7.17"x2.76"x3.19")
Weight	530g (750g Packaged)
Storage Temperature	-30°+60° (-22°+140°)
Operating Temperature	-30°+40° (-22°+104°)



### DESCRIPTION

An advanced Infrared technology designed to give smooth, even illumination. AIR technology has been developed and tested rigorously to deliver optimum CCTV footage in extreme lighting conditions.

The AIR 15 Range is a simple yet solid camera unit designed for shorter range applications. The cameras come with a fixed lens and are ready to install out of the box. Suitable for retail, small commercial, domestic or lower-cost installations, the AIR 15 Range is for installers requiring an entry-level camera with the performance and reliability of Concept Pro.





### KEY FEATURES

- 1/3" SONY CCD
- 420TVL COLOUR
- 470TVL MONO
- 1.0 LUX COLOUR
- 0.0 LUX (IR LED ON)
- 18 IR LEDS
- 18M IR RANGE
- 6MM FIXED LENS



### OTHER FEATURES

- 12V DC
- 230MA(Max)
- 182 X 70 X 81mm
- 530G
- 850NM
- Cable Managed Bracket
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Internal / External
- IP66 Rated
- Weatherproof

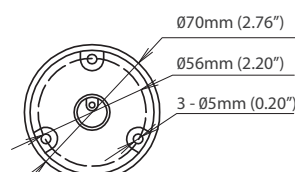
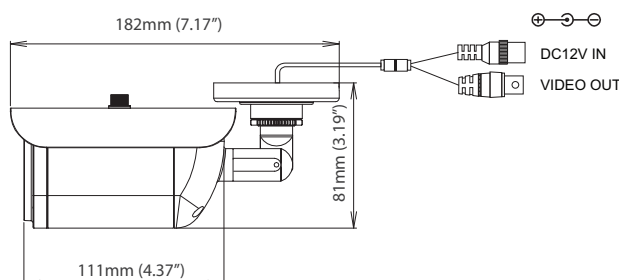
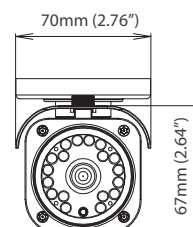
### DESCRIPTION

An advanced Infrared technology designed to give smooth, even illumination. AIR technology has been developed and tested rigorously to deliver optimum CCTV footage in extreme lighting conditions.

The AIR 15 Range is a simple yet solid camera unit designed for shorter range applications. The cameras come with a fixed lens and are ready to install out of the box. Suitable for retail, small commercial, domestic or lower-cost installations, the AIR 15 Range is for installers requiring an entry-level camera with the performance and reliability of Concept Pro.

### SPECIFICATION

ITEM	AIR1514/6
Type	Colour/Monochrome
Signal System	PAL
CCD	1/3" Sony Colour
Picture Elements	537 (H) x 597 (V)
Resolution	420 TVL
Minimum Illumination	0 Lux (IR LED ON)
Vertical Frequency	50Hz
Horizontal Frequency	15.625KHz
Clock Frequency	28.375MHz
Scanning System	2:1 Interlace
S/N Ratio	≥48dB
Electronic Shutter	1/50-1/100,000S
Lens	6MM
White Balance	AUTO Tracking
Back Light Compensation	ON
Auto Gain Control	ON
Gamma	0.45
Video Output	1V p-p, 75Ω
Power Supply	DC12V ±10%
Current Consumption	230mA (MAX)
IR Effect Distance	18m(59.0ft) (Outdoor)
Dimensions	182mmx70mmx81mm (7.17"x2.76"x3.19")
Weight	530g (750g Packaged)
Storage Temperature	-30°+60° (-22°+140°)
Operating Temperature	-30°+40° (-22°+104°)



# AIR1524/4

Concept  Pro

## WEATHERPROOF COLOUR/MONO IR CAMERA

### KEY FEATURES

- 1/3" SONY CCD
- 520TVL COLOUR
- 570TVL MONO
- 1.0 LUX COLOUR
- 0.0 LUX (IR LED ON)
- 18 IR LEDS
- 13M IR RANGE
- 3.6MM FIXED LENS

### OTHER FEATURES

- 12V DC
- 230MA(Max)
- 182 X 70 X 81mm
- 530G
- 850NM
- Cable Managed Bracket
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Internal / External
- IP66 Rated
- Weatherproof

### SPECIFICATION

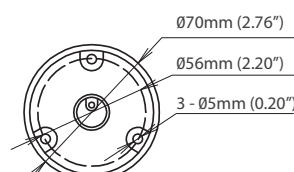
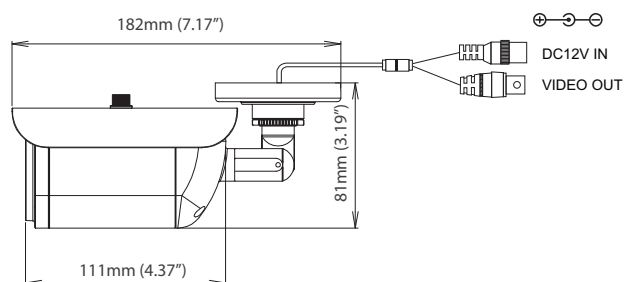
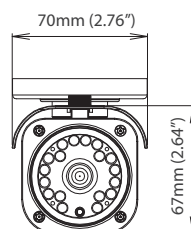
ITEM	AIR1524/4
Type	Colour/Monochrome
Signal System	PAL
CCD	1/3" Sony Colour
Picture Elements	537 (H) x 597 (V)
Resolution	520 TVL
Minimum Illumination	0 Lux (IR LED ON)
Vertical Frequency	50Hz
Horizontal Frequency	15.625KHz
Clock Frequency	28.375MHz
Scanning System	2:1 Interlace
S/N Ratio	≥50dB
Electronic Shutter	1/50-1/100,000S
Lens	3.6MM
White Balance	AUTO Tracking
Back Light Compensation	ON
Auto Gain Control	ON
Gamma	0.45
Video Output	1V p-p, 75Ω
Power Supply	DC12V ±10%
Current Consumption	230mA (MAX)
IR Effect Distance	13m (42.6ft) (Outdoor)
Dimensions	182mmx70mmx81mm (7.17"x2.76"x3.19")
Weight	530g (750g Packaged)
Storage Temperature	-30°+60° (-22°+140°)
Operating Temperature	-30°+40° (-22°+104°)



### DESCRIPTION

An advanced Infrared technology designed to give smooth, even illumination. AIR technology has been developed and tested rigorously to deliver optimum CCTV footage in extreme lighting conditions.

The AIR 15 Range is a simple yet solid camera unit designed for shorter range applications. The cameras come with a fixed lens and are ready to install out of the box. Suitable for retail, small commercial, domestic or lower-cost installations, the AIR 15 Range is for installers requiring an entry-level camera with the performance and reliability of Concept Pro.



# AIR1524/6

## WEATHERPROOF COLOUR/MONO IR CAMERA

### KEY FEATURES

- 1/3" SONY CCD
- 520TVL COLOUR
- 570TVL MONO
- 1.0 LUX COLOUR
- 0.0 LUX (IR LED ON)
- 18 IR LEDS
- 18M IR RANGE
- 6MM FIXED LENS



### OTHER FEATURES

- 12V DC
- 230MA(Max)
- 182 X 70 X 81mm
- 530G
- 850NM
- Cable Managed Bracket
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Internal / External
- IP66 Rated
- Weatherproof

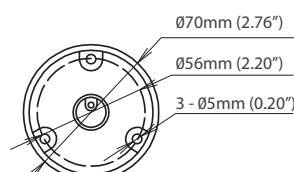
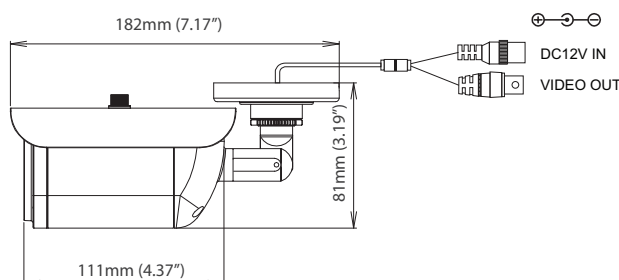
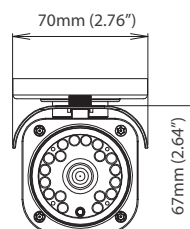
### DESCRIPTION

An advanced Infrared technology designed to give smooth, even illumination. AIR technology has been developed and tested rigorously to deliver optimum CCTV footage in extreme lighting conditions.

The AIR 15 Range is a simple yet solid camera unit designed for shorter range applications. The cameras come with a fixed lens and are ready to install out of the box. Suitable for retail, small commercial, domestic or lower-cost installations, the AIR 15 Range is for installers requiring an entry-level camera with the performance and reliability of Concept Pro.

### SPECIFICATION

ITEM	AIR1514/6
Type	Colour/Monochrome
Signal System	PAL
CCD	1/3" Sony Colour
Picture Elements	537 (H) x 597 (V)
Resolution	520 TVL
Minimum Illumination	0 Lux (IR LED ON)
Vertical Frequency	50Hz
Horizontal Frequency	15.625KHz
Clock Frequency	28.375MHz
Scanning System	2:1 Interlace
S/N Ratio	≥50dB
Electronic Shutter	1/50-1/100,000S
Lens	6MM
White Balance	AUTO Tracking
Back Light Compensation	ON
Auto Gain Control	ON
Gamma	0.45
Video Output	1V p-p, 75Ω
Power Supply	DC12V ±10%
Current Consumption	230mA (MAX)
IR Effect Distance	18m(59.0ft) (Outdoor)
Dimension	182mmx70mmx81mm (7.17"x2.76"x3.19")
Weight	530g (750g Packaged)
Storage Temperature	-30°+60° (-22°+140°)
Operating Temperature	-30°+40° (-22°+104°)



# AIR3016

Concept  Pro

## WEATHERPROOF COLOUR/MONO IR CAMERA

### KEY FEATURES

- 1/3" SONY CCD
- 420 TVL COLOUR
- 470 TVL MONO
- 1.0 LUX COLOUR
- 0.0 LUX (IR LED ON)
- 42 IR LEDS
- 20 - 25M IR RANGE
- 3.5 ~ 8MM VARIFOCAAL LENS

### OTHER FEATURES

- 12V DC
- 360mA (Max)
- 202 x 85 x 118mm
- 920g
- 850nm
- Cable Managed Bracket
- External Lens / Zoom Adjustments
- Power Indicator LED
- Service Video Output
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Internal / External
- IP66 Rated
- Weatherproof

### SPECIFICATION

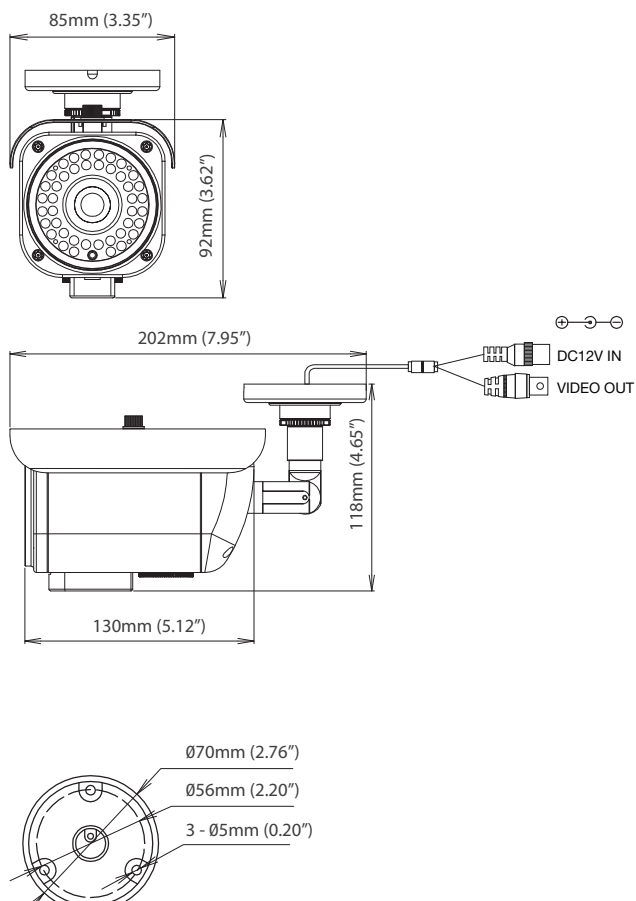
ITEM	AIR3016
Type	Colour/Monochrome
Signal System	PAL
Pick Up Device	1/3 inch Sony Colour
Picture Elements	537 (H) x 597 (V)
Resolution	420TVL
Minimum Illumination	0 Lux IR LED On (42 Pieces IR LED ON)
Vertical Frequency	50Hz
Horizontal Frequency	15.625KHz
Clock Frequency	28.375MHz
Scanning System	2:1 Interlace
S/N Ratio	>48dB
Electronic Shutter	1/50-1/100,000S
Lens	3.5-8mm Varifocal Lens
White Balance	AUTO Tracking
Back Light	ON
Auto Gain Control	ON
Gamma	0.45
Sens-Up/ DSS	-
D-WDR	-
3 DNR	-
Video Out-put	1V p-p, 75Ω
Power Supply	DC12V±10%
Current Consumption	360mA (Max)
IR Effect Distance	20~25M (65.6~82ft) (Outdoor)
Dimensions	202x85x118mm
Weight	920g (1300g Packaged)
Storage Temperature	-30deg+60deg (-22deg+140deg)
Operating Temperature	-30deg+40deg (-22deg+104deg)



### DESCRIPTION

An advanced Infrared technology designed to give smooth, even illumination. AIR technology has been developed and tested rigorously to deliver optimum CCTV footage in extreme lighting conditions.

The AIR 30 Range is built to be installer friendly. Camera set-up is made easy with a service video output for test monitors and external lens adjustment screws. The AIR 30 range specification is suitable for all short to medium range applications requiring a simple and reliable camera unit.



### KEY FEATURES

- 1/3" SONY CCD
- 520 TVL COLOUR
- 570 TVL MONO
- 1.0 LUX COLOUR
- 0.0 LUX (IR LED ON)
- 42 IR LEDS
- 25 - 30M IR RANGE
- 3.5 ~ 8MM VARIFOCAL LENS

### OTHER FEATURES

- 12V DC
- 360mA (Max)
- 202 x 85 x 118mm
- 920g
- 850nm
- Cable Managed Bracket
- External Lens / Zoom Adjustments
- Power Indicator LED
- Service Video Output
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Internal / External
- IP66 Rated
- Weatherproof

### SPECIFICATION

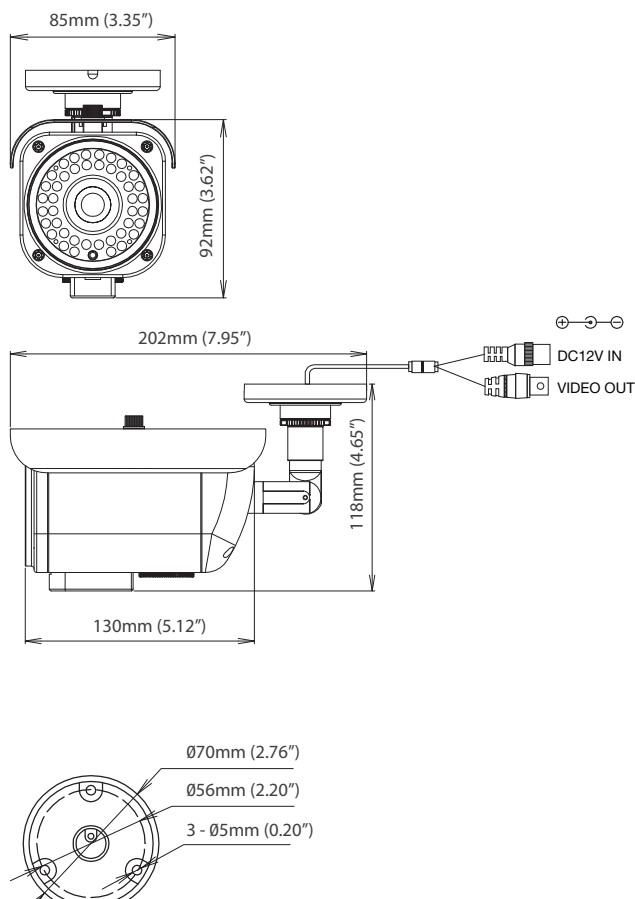
ITEM	AIR3026
Type	Colour/Monochrome (Removable IR Cut Filter)
Signal System	PAL
Pick Up Device	1/3
Picture Elements	795(H) x 596 (V)
Resolution	520TVL
Minimum Illumination	0 Lux IR LED On (42 Pieces IR LED ON)
Vertical Frequency	50Hz
Horizontal Frequency	15.625KHz
Clock Frequency	28.375MHz
Scanning System	2:1 Interlace
S/N Ratio	50dB
Electronic Shutter	1/50-1/100,000S
Lens	3.5-8mm Varifocal Lens
White Balance	AUTO Tracking
Back Light	ON
Auto Gain Control	ON
Gamma	0.45
Sens-Up/ DSS	-
D-WDR	-
3 DNR	-
Video Out-put	1V p-p, 75Ω
Power Supply	DC12V±10%
Current Consumption	360mA(Max)
IR Effect Distance	25-30M (82-98.3ft) (Outdoor)
Dimensions	202x85x118mm
Weight	920g (1300g Packaged)
Storage Temperature	-30deg+60deg (-22deg+140deg)
Operating Temperature	-30deg+40deg (-22deg+104deg)



### DESCRIPTION

An advanced Infrared technology designed to give smooth, even illumination. AIR technology has been developed and tested rigorously to deliver optimum CCTV footage in extreme lighting conditions.

The AIR 30 Range is built to be installer friendly. Camera set-up is made easy with a service video output for test monitors and external lens adjustment screws. The AIR 30 range specification is suitable for all short to medium range applications requiring a simple and reliable camera unit.





# AIR3026HGE

Concept  Pro

## WEATHERPROOF COLOUR/MONO IR CAMERA

### KEY FEATURES

- 1/3" SONY CCD
- SONY EFFIO-E DSP
- 650 TVL COLOUR
- 700 TVL MONO
- 0.03 LUX COLOUR
- 0.0 LUX (IR LED ON)
- 42 IR LEDS
- 25 - 30M IR RANGE
- 3.5 ~ 8MM VARIFOCAL LENS

### OTHER FEATURES

- 12V DC
- DC 570mA(Max)
- 202 x 85 x 118mm
- 920g
- 850nm
- True Colour Mono (ICR)
- Cable Managed Bracket
- External Lens / Zoom Adjustments
- Power Indicator LED
- On Screen Display (OSD)
- Service Video Output
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Internal / External
- IP66 Rated
- Weatherproof

### SPECIFICATION

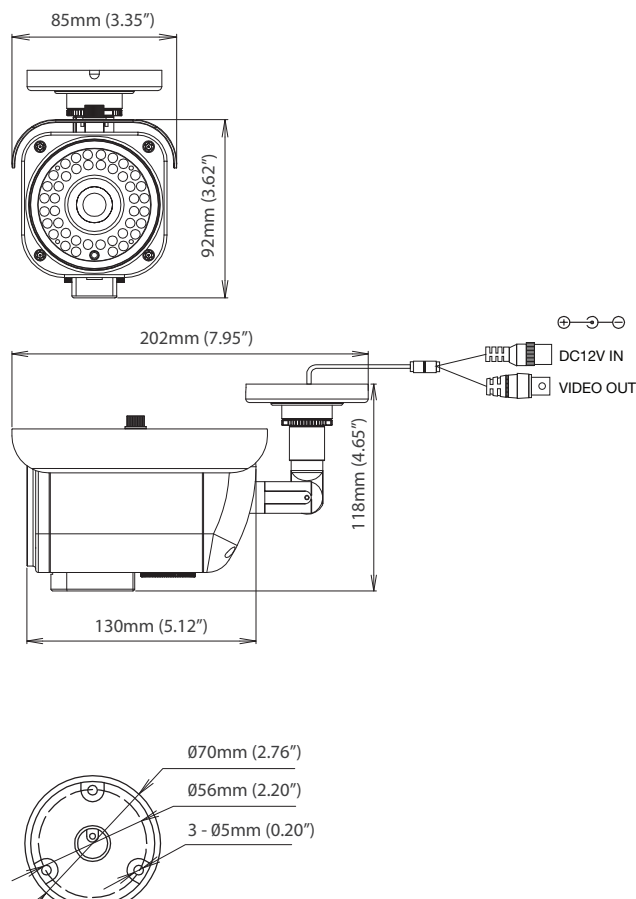
ITEM	AIR3026HGE
Type	Colour/Monochrome (Removable IR Cut Filter)
Signal System	PAL
Pick Up Device	1/3" Sony Colour High Resolution CCD
DSP	Sony Effio-E
Picture Elements	976Hx582V
Resolution	650TVL Colour, 700TVL Mono
Minimum Illumination	0Lux (42Pieces IR LED ON)
Vertical Frequency	50Hz
Horizontal Frequency	15.625KHz
Clock Frequency	28.375MHz
Scanning System	2:1 Interlace
S/N Ratio	≥52dB
Electronic Shutter	1/50-1/100,000s
Lens	3.5-8mm Varifocal IR Lens
White Balance	Selectable
Back Light	Selectable
Auto Gain Control	Selectable
Gamma	0.45
ATR (D-WDR)	Selectable
2 DNR	Selectable
Video Out-put	1V p-p.75Ω
Power Supply	DC12V
Current Consumption	DC 570mA (Max)
IR Effect Distance	25-30m (82-98.3ft) (Outdoor)
Dimension	202×85×118mm (7.95"×3.35"×4.65")
Weight	920g
Storage Temperature	-30°+60° (-22°+140°)
Operating Temperature	-30°+40° (-22°+104°)



### DESCRIPTION

An advanced Infrared technology designed to give smooth, even illumination. AIR technology has been developed and tested rigorously to deliver optimum CCTV footage in extreme lighting conditions.

The AIR 30 Range is built to be installer friendly. Camera set-up is made easy with a service video output for test monitors and external lens adjustment screws. The AIR 30 range specification is suitable for all short to medium range applications requiring a simple and reliable camera unit.



## WEATHERPROOF COLOUR/MONO IR CAMERA

### KEY FEATURES

- 1/3" SONY CCD
- 520 TVL COLOUR
- 570 TVL MONO
- 1.0 LUX COLOUR
- 0.0 LUX (IR LED ON)
- 42 IR LEDS
- 30 - 35M IR RANGE
- 3.5 ~ 8MM VARIFOCAL LENS

### OTHER FEATURES

- 12V DC / 24V AC
- DC 640~660mA, AC 440~460mA
- 319 X 219 X 100mm
- 2.4kg
- 850nm
- Cable Managed Bracket
- External Lens / Zoom Adjustments
- Power Indicator LED
- Service Video Output
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Internal / External
- IP66 Rated
- Weatherproof

### SPECIFICATION

ITEM	AIR4526
TYPE	Colour/Monochrome (Removable IR Cut Filter)
Signal System	PAL
Pick Up Device	1/3
Picture Elements	795(H) x 596 (V)
Resolution	520TVL
Minimum Illumination	0 Lux IR LED On (60 Pieces IR LED ON)
Vertical Frequency	50Hz
Horizontal Frequency	15.625KHz
Clock Frequency	28.375MHz
Scanning System	2:1 Interlace
S/N Ratio	>50dB
Electronic Shutter	1/50-1/100,000S
Lens	3.5-8mm Varifocal Lens
White Balance	AUTO Tracking
Back Light Compensation	ON
Auto Gain Control	ON
Gamma	0.45
Sens-Up/DSS	-
D-WDR	-
3DNR	-
Video Output	1V p-p, 75Ω
Power Supply	DC12V ±10%/AC24V±10%
Current Consumption	DC:660mA/AC460mA (Max)
IR Effect Distance	30 ~ 35m (98.4~114.8ft) (Outdoor)
Dimensions	319 x 219 x 100mm
Weight	2.4Kg
Storage Temperature	-30deg+60deg (-22deg+140deg)
Operating Temperature	-30deg+40deg (-22deg+104deg)



### DESCRIPTION

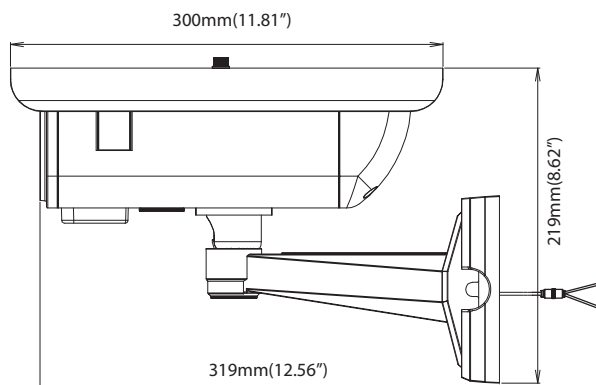
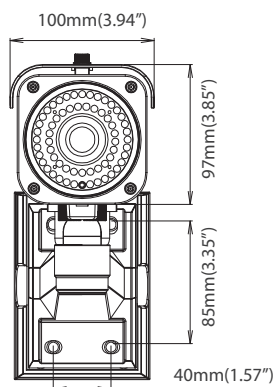
The AIR 45/50 range is built to be installer friendly. Camera set-up is made easy with a service video output for test monitors and external lens adjustment screws. The AIR 45/50 range specification is suitable for all medium to long range applications requiring a simple and reliable camera unit.

All AIR HG cameras offer a high-grade specification with digital picture balance features to deliver a clear and accurate picture in all lighting conditions. In addition to the service video output and external lens adjustment screws, the HG models feature an On-screen Display menu with a host of picture functions including picture-balancing, D-WDR and 3DNR. All HG models include a hand-held OSD controller for on-screen operation of the GUI.

### Accessories



**AIR-IR**  
Extend the IR range up to 80m with AIR-IR. See page 30.



# AIR4526HGE

Concept  Pro

## WEATHERPROOF COLOUR/MONO IR CAMERA

### KEY FEATURES

- 1/3" SONY CCD
- SONY EFFIO-E DSP
- 650 TVL COLOUR
- 700 TVL MONO
- 0.03 LUX COLOUR
- 0.003 LUX (IR LED ON)
- 60 IR LEDS
- 30 - 35M IR RANGE
- 3.5 ~ 8MM VARIFOCAL LENS

### OTHER FEATURES

- 12V DC / 24V AC
- DC 710~730mA, AC 500~520mA
- 319 X 219 X 100mm
- 2.4kg
- 850nm
- Cable Managed Bracket
- External Lens / Zoom Adjustments
- Power Indicator LED
- On Screen Display (OSD)
- Service Video Output
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Internal / External
- IP66 Rated
- Weatherproof



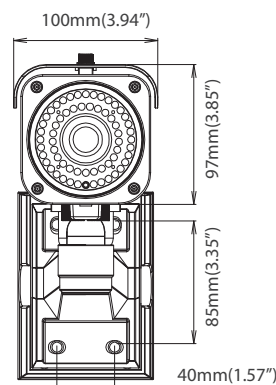
### DESCRIPTION

The AIR 45/50 range is built to be installer friendly. Camera set-up is made easy with a service video output for test monitors and external lens adjustment screws. The AIR 45/50 range specification is suitable for all medium to long range applications requiring a simple and reliable camera unit.

All AIR HG cameras offer a high-grade specification with digital picture balance features to deliver a clear and accurate picture in all lighting conditions. In addition to the service video output and external lens adjustment screws, the HG models feature an On-screen Display menu with a host of picture functions including picture-balancing, D-WDR and 3DNR. All HG models include a hand-held OSD controller for on-screen operation of the GUI.

### SPECIFICATION

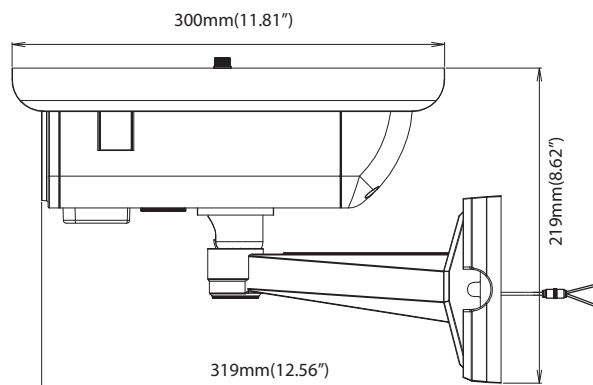
ITEM	AIR4526HGE
Type	Colour/Monochrome (Removable IR Cut Filter)
Signal System	PAL
Pick Up Device	1/3" Sony Colour High Resolution CCD
DSP	Sony Effio-E
Picture Elements	976Hx582V
Resolution	650TVL
Min Illumination	0Lux (60Pieces IR LED ON)
Vertical Frequency	50Hz
Horizontal Frequency	15.625KHz
Clock Frequency	PAL:36.00MHz
Scanning System	2:1 Interlace
S/N Ratio	≥52dB
Electronic Shutter	1/50-1/100,000s
Lens	3.5-8mm IR Auto iris IR Lens
White Balance	Selectable
Back Light	Selectable
Auto Gain Control	Selectable
GAMMA	0.45
Video Out-put	1V p-p.75Ω
Power Supply	DC:12V ±10%/AC:24V±10%
Current Consumption	DC:710~730mA, AC 500~520mA
IR Effect Distance	30~35m (98.4~114.8ft) (Outdoor)
Dimension	319x219x100mm
Weight	2.4Kg
Storage Temperature	-30°+60° (-22°+140°)
Operating Temperature	-30°+40° (-22°+104°)



### Accessories



**AIR-IR**  
Extend the IR range up to 80m with AIR-IR. See page 30.



# AIR4527HGE

Concept  Pro

## WEATHERPROOF COLOUR/MONO IR CAMERA

### KEY FEATURES

- 1/3" SONY CCD
- SONY EFFIO-E DSP
- 650 TVL COLOUR
- 700 TVL MONO
- 0.03 LUX COLOUR
- 0.003 LUX (IR LED ON)
- 60 IR LEDS
- 45 - 50M IR RANGE
- 9 ~ 22MM VARIFOCAL LENS

### OTHER FEATURES

- 12V DC / 24V AC
- DC 730~750mA, AC 510~530mA
- 319 X 219 X 100mm
- 2.5kg
- 850nm
- Cable Managed Bracket
- External Lens / Zoom Adjustments
- Power Indicator LED
- On Screen Display (OSD)
- Service Video Output
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Internal / External
- IP66 Rated
- Weatherproof

### SPECIFICATION

ITEM	AIR4527HGE
Type	Colour/Monochrome (Removable IR Cut Filter)
Signal System	PAL
Pick Up Device	1/3" Sony Colour High Resolution CCD
DSP	Sony Effio-E
Picture Elements	976Hx582V
Resolution	650TVL
Min Illumination	0Lux (60Pieces IR LED ON)
Vertical Frequency	50Hz
Horizontal Frequency	15.625KHz
Clock Frequency	PAL:36.00MHz
Scanning System	2:1 Interlace
S/N Ratio	≥52dB
Electronic Shutter	1/50-1/100,000s
Lens	9-22mm Varifocal Auto iris IR Lens
White Balance	Selectable
Back Light	Selectable
Auto Gain Control	Selectable
GAMMA	0.45
Video Out-put	1V p-p,75Ω
Power Supply	DC12V ±10%/AC24V±10%
Current Consumption	DC:730~750mA, AC 510~530mA
IR Effect Distance	45~50m (147.5~163.9ft) (Outdoor)
Dimension	319x219x100mm
Weight	2.4Kg
Storage Temperature	-30°+60° (-22°+140°)
Operating Temperature	-30°+40° (-22°+104°)



### DESCRIPTION

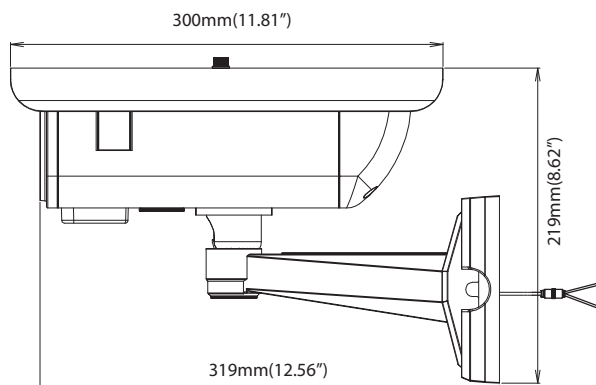
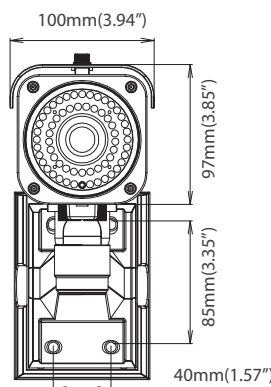
The AIR 45/50 range is built to be installer friendly. Camera set-up is made easy with a service video output for test monitors and external lens adjustment screws. The AIR 45/50 range specification is suitable for all medium to long range applications requiring a simple and reliable camera unit.

All AIR HG cameras offer a high-grade specification with digital picture balance features to deliver a clear and accurate picture in all lighting conditions. In addition to the service video output and external lens adjustment screws, the HG models feature an On-screen Display menu with a host of picture functions including picture-balancing, D-WDR and 3DNR. All HG models include a hand-held OSD controller for on-screen operation of the GUI.

### Accessories



**AIR-IR**  
Extend the IR range up to 80m with AIR-IR. See page 30.



# AIR5026HGE

Concept  Pro

## WEATHERPROOF COLOUR/MONO IR CAMERA

### KEY FEATURES

- 1/3" SONY CCD
- SONY EFFIO-E DSP
- 650 TVL COLOUR
- 700 TVL MONO
- 0.3 LUX COLOUR
- 0.003 LUX (IR LED ON)
- 60 IR LEDS
- 50 - 55M IR RANGE
- 6 ~ 50MM VARIFOCAL LENS

### OTHER FEATURES

- 12V DC / 24V AC
- DC 730~750mA, AC 510~530mA
- 319 X 219 X 100mm
- 2.4kg
- 850nm
- Cable Managed Bracket
- External Lens / Zoom Adjustments
- Power Indicator LED
- On Screen Display (OSD)
- Service Video Output
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Internal / External
- IP66 Rated
- Weatherproof



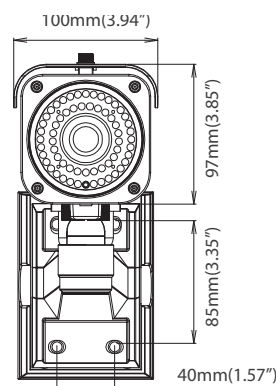
### DESCRIPTION

The AIR 45/50 range is built to be installer friendly. Camera set-up is made easy with a service video output for test monitors and external lens adjustment screws. The AIR 45/50 range specification is suitable for all medium to long range applications requiring a simple and reliable camera unit.

All AIR HG cameras offer a high-grade specification with digital picture balance features to deliver a clear and accurate picture in all lighting conditions. In addition to the service video output and external lens adjustment screws, the HG models feature an On-screen Display menu with a host of picture functions including picture-balancing, D-WDR and 3DNR. All HG models include a hand-held OSD controller for on-screen operation of the GUI.

### SPECIFICATION

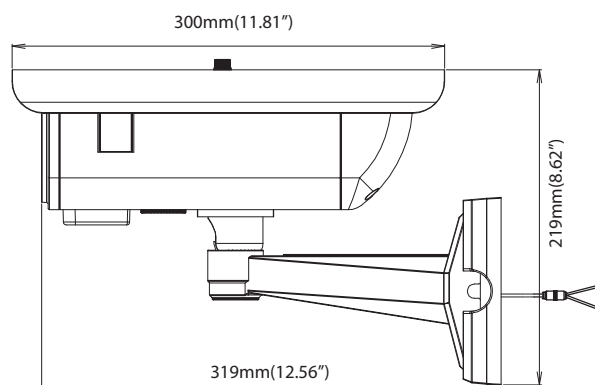
ITEM	AIR5026HGE
Type	Colour/Monochrome (Removable IR Cut Filter)
Signal System	PAL
Pick Up Device	1/3" Sony Colour High Resolution CCD
DSP	Sony Effio-E
Picture Elements	976Hx582V
Resolution	650TVL
Min Illumination	0Lux (60Pieces IR LED ON)
Vertical Frequency	50Hz
Horizontal Frequency	15.625KHz
Clock Frequency	PAL:36.00MHz
Scanning System	2:1 Interlace
S/N Ratio	≥52dB
Electronic Shutter	1/50-1/100,000s
Lens	6~50mm Varifocal
White Balance	Selectable
Back Light	Selectable
Auto Gain Control	Selectable
GAMMA	0.45
Video Out-put	1V p-p.75Ω
Power Supply	DC:12V ±10%/AC24V±10%
Current Consumption	DC:730~750mA, AC 510~530mA
IR Effect Distance	30~35m (98.4~114.8ft) (Outdoor)
Dimension	319x219x100mm
Weight	2.5Kg
Storage Temperature	-30°+60° (-22°+140°)
Operating Temperature	-30°+40° (-22°+104°)



### Accessories



**AIR-IR**  
Extend the IR range up to 80m with AIR-IR. See page 30.

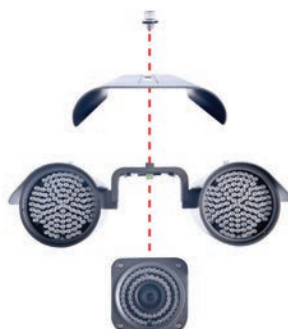


## BOLT-ON TWIN IR LAMPS

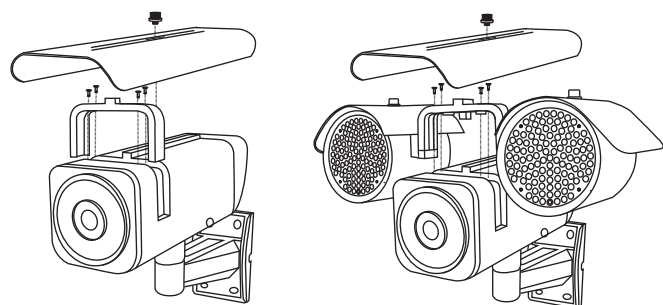
### KEY FEATURES

- **EXTEND THE IR RANGE UP TO 80M WITH AIR-IR.**

\* Lens should be used at 6mm or above to achieve even illumination



### EASY ASSEMBLY



### DESCRIPTION

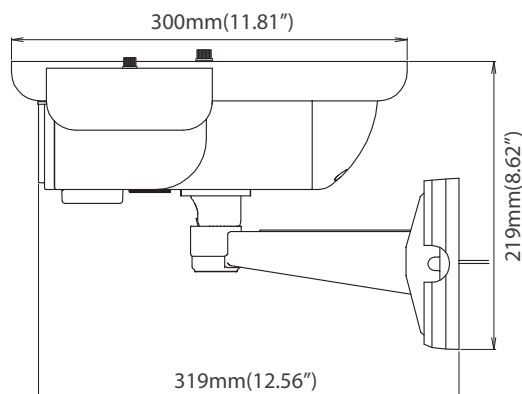
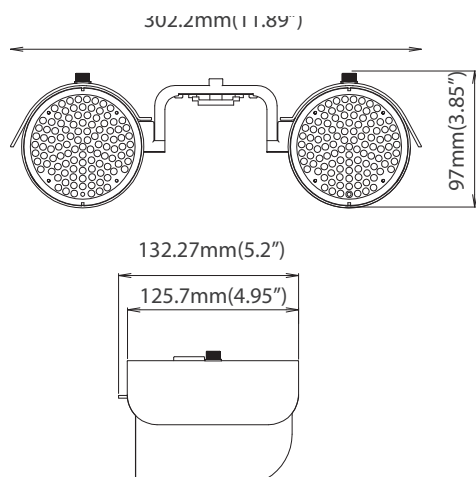
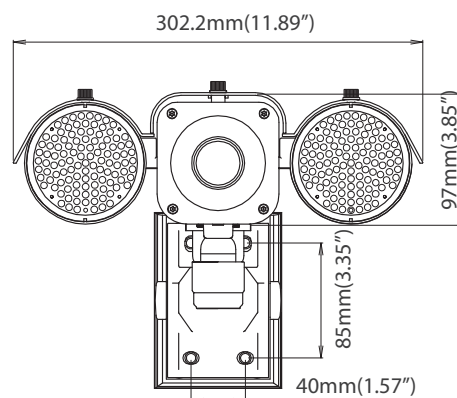
The IR range of the AIR 45/50 range can be extended with a bolt-on twin IR lamp. The AIR-IR twin lamp allows the camera unit to view up to 80m.

The bolt-on unit has a slot-in power connection for ease of installation, and fixing screws to ensure the whole unit remains secure.



### SPECIFICATION

Item	AIR-IR
IP Rating	IP66
Type	Outdoor
Luminaire	850nm IR
Angle	60°(Outdoor)
Number of LEDs	220
Outdoor Distance	75~80m (245.9~262.3ft) (Outdoor)
Power Supply	Via AIR45 / 50 Camera
Current Consumption	1200mA(MAX)
Dimension	303x133x99 mm (11.89"x5.2"x3.88")
Weight	1370g (1.6Kg Packaged)
Storage Temperature	-30~+60°C (-22~+140°F)
Operating Temperature	-30~+40°C (-22~+104°F)





# AIR701/IRH

Concept  Pro

## WEATHERPROOF COLOUR/MONO TWIN IR CAMERA RANGE

### KEY FEATURES

- 1/4" SONY SUPER HAD CCD
- 560 TVL
- 0.3 LUX COLOUR
- 0.0 LUX (IR LED ON)
- 220PCS IR LED
- 75~80M IR RANGE
- 27X OPTICAL ZOOM
- 10X DIGITAL ZOOM
- 3.1MM~82.71MM LENS

### OTHER FEATURES

- 12V DC / 24V AC
- DC: 2000mA AC: 1400mA
- 302.2mm x 219mm x 319mm
- 3.9Kg
- 850nm
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- IP65
- Internal / External
- Weatherproof
- Flickerless
- Power Indicator LED
- Service Video Output
- 128x DSS
- True Day Night
- 3D-DNR
- Privacy Zones
- RS485 Control

### SPECIFICATION

ITEM	AIR701/IRH
Type	Twin IR Zoom Colour/Monochrome (Removable IR Cut Filter)
Signal System	PAL
Image Sensor	1/4 inch Sony Super HAD CCD
Total Pixels	795(H)x596(V) 470K
Effective Pixels	752(H)x582(V) 440K
Zoom Lens	27x. F1.6(W) ~ 3.1(T) ( ± 7 % ), f = 3.1 ~ 82.71 mm ( ± 7 % )
Digital Zoom	x10
Resolution	560 TV Lines
Min Illumination	0 Lux ( 220pcs IR LED ON )
Focus	Auto/Manual/Push
Frequency	(H) 15.625 KHz (V) 50 Hz
Scanning System	2:1 Interlace
S/N ( Y signal )	More than 50 dB
Electronic Shutter Speed	Normal / x125 ~ x10000
White Balance	ATW, Manual, Indoor, Outdoor, Push
Back Light Comp.	Normal / C1 / C2 / L1 / L2 / U1 / U2 / D1 / D2 / R1 / R2
Auto Gain Control	Auto / 0 ~ 255
3D-DNR	Off / Low / Middle / High
DSS	Off / Up to 256x
Video Output	CVBS : 1.0Vp-p / 75Ω
Communication	RS-485
Protocol	Pelco-D
Power Supply	DC12v ( ± 10% ) AC 24v ( ± 10% )
Current Consumption	DC: 2000mA AC: 1400mA (Max)
IR Effect Distance	75~80m (245.9~262.3ft) [Outdoor]
Dimension	302.2mm (11.98") (W) x 219mm (8.62") (H) x 319mm (12.56") (D)
Weight (Product)	3.9kg
Storage Temperature	-30° to +60°
Operating Temperature	-10° to +40°

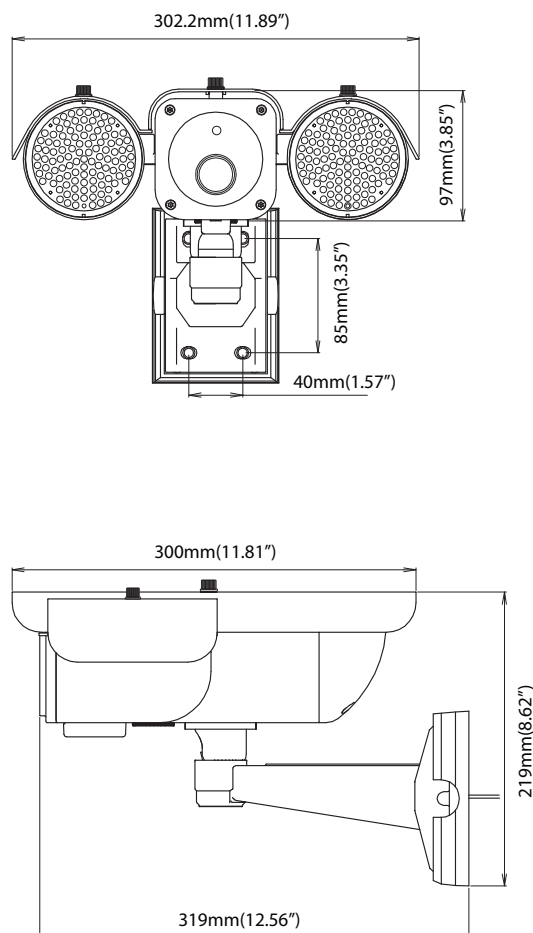


### DESCRIPTION

An advanced Infrared technology designed to give smooth, even illumination. AIR technology has been developed and tested rigorously to deliver optimum CCTV footage in extreme lighting conditions.

The AIR 701/IRH offers 27x Optical Zoom, 560TVL Resolution, and an IR range of up to 80m, thanks to its twin IR lamps. It's also been designed with ease of installation in mind, with a cable managed bracket, and a service video output allowing you to easily link it to a test monitor during installation.

As part of the AIR range from Concept Pro, the AIR701/IRH offers solid build quality and IP65 weatherproof rating. It also offers clear, even illumination, and the ability to work in extreme lighting conditions, right down to 0 Lux with the twin IR lamps on.



## WEATHERPROOF MONO IR NUMBER PLATE CAPTURE CAMERA

### KEY FEATURES

- 1/3" SONY CCD
- 550 TVL RESOLUTION
- 0 LUX (IR LED ON)
- 20 SUPER HIGH POWER IR LEDS
- 6-50MM VARIFOCAL LENS
- 112MPH MAX NPC SPEED
- 5-30M NPC DISTANCE

### OTHER FEATURES

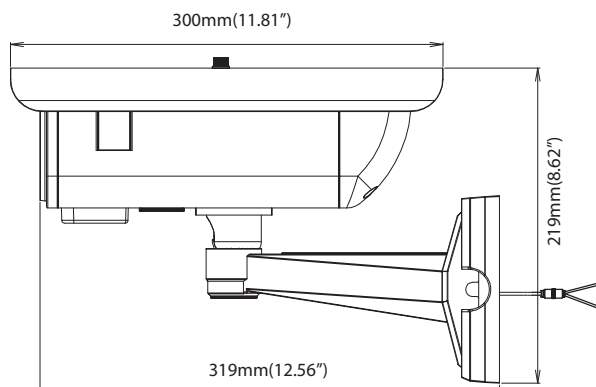
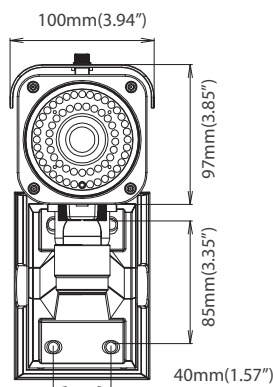
- 12V DC
- 200mA (max)
- 319x219x100mm
- 850nm
- Cable Managed Bracket
- External Lens / Zoom Adjustments
- Auto White Balance
- Auto Gain Control
- Internal / External
- IP66 Rated
- Weatherproof

### DESCRIPTION

The AIR20NPC is a Monochrome Infra Red camera designed for Number Plate Capture. It has a resolution of 550 TVL and can operate down to 0 Lux thanks to 20 Super High Power IR LEDs. It is capable of capturing number plates from a distance of up to 30 metres, and at speeds of up to 112mph.

### SPECIFICATION

Max NPC Speed	112MPH - (180kmph)
NPC Distance	5-30M - (16.3-98.3ft)
IP Rating	66
Type	Monochrome
Signal System	NTSC/PAL
Pick Up Device	1/3" Sony High Resolution CCD
Picture Elements	NTSC:811Hx508V; PAL:795Hx596V
Resolution	550TVL
LED	0Lux (20 Pieces Super High Power LED ON)
Vertical Frequency	NTSC:60Hz; PAL:50Hz
Horizontal Frequency	NTSC:15.734KHz; PAL:15.625KHz
Clock Frequency	NTSC:28.636MHz; PAL:28.375MHz
Scanning System	2:1 Interface
S/N Ratio	≥50dB
Electronic Shutter	1/2,000s
Lens	6-50mm Varifocal Auto iris IR Lens
White Balance	AUTO Tracking
Back Light	ON
Auto Gain Control	ON
GAMMA	0.45
Video Out-put	1V p-p,75Ω
Power Supply	DC12V ±10%
Current Consumption	200mA(Max)
Dimension	319x219x100mm
Weight	2.5Kg
Storage Temperature	2.5Kg-30~+60°C (-22~+140°F)
Operating Temperature	-30~+40°C (-22~+104°F)



# AIR60NPC

Concept  Pro

## WEATHERPROOF MONO IR NUMBER PLATE CAPTURE CAMERA

### KEY FEATURES

- 1/3" SONY CCD
- 550 TVL RESOLUTION
- 0 LUX MONO (IR LED ON)
- 9-22MM VARIFOCAL LENS
- 28MPH MAX NPC SPEED
- 2-15M NPC DISTANCE

### OTHER FEATURES

- 12V DC
- 200mA (max)
- 319x219x100mm
- 850nm
- Cable Managed Bracket
- External Lens / Zoom Adjustments
- Auto White Balance
- Auto Gain Control
- Internal / External
- IP66 Rated
- Weatherproof

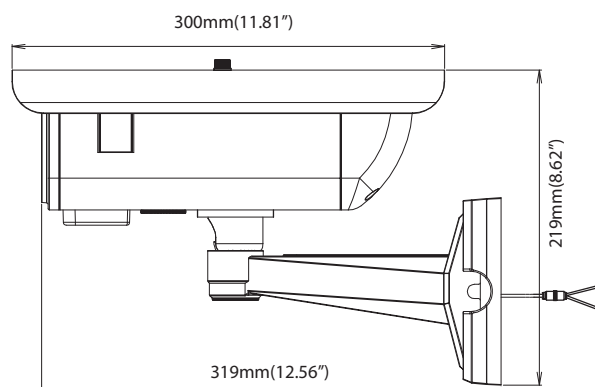
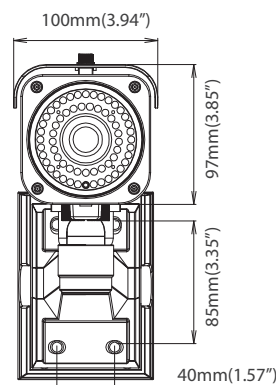
### SPECIFICATION

Max NPC Speed	28MPH - (45kmph)
NPC Distance	2~15M - (6.56~49.18ft)
IP Rating	66
Type	Monochrome
Signal System	NTSC/PAL
Pick Up Device	1/3" Sony High Resolution CCD
Picture Elements	NTSC:811H×508V; PAL:795H×596V
Resolution	550TVL
LED	0Lux (60 Pieces IR LED ON)
Vertical Frequency	NTSC:60Hz; PAL:50Hz
Horizontal Frequency	NTSC:15.734KHz; PAL:15.625KHz
Clock Frequency	NTSC:28.636MHz; PAL:28.375MHz
Scanning System	2:1 Interlace
S/N Ratio	≥50dB
Electronic Shutter	1/2,000s
Lens	9-22mm Varifocal Auto iris IR Lens
White Balance	AUTO Tracking
Back Light	ON
Auto Gain Control	ON
GAMMA	0.45
Video Out-put	1V p-p.75Ω
Power Supply	DC12V ±10%
Current Consumption	200mA(Max)
Dimension	319x219x100mm
Weight	2.5Kg
Storage Temperature	2.5Kg-30~+60°C (-22~+140°F)
Operating Temperature	-30~+40°C (-22~+104°F)



### DESCRIPTION

The AIR60NPC is a Monochrome Infra Red camera designed for Number Plate Capture. It has a resolution of 550 TVL and can operate down to 0 Lux thanks to 60 IR LEDs. It is capable of capturing number plates from a distance of up to 15 metres, and at speeds of up to 28mph.



# VHSD-810EXT

## HIGH SPEED DOME

Concept Pro



### KEY FEATURES

- 1/4" SONY SUPER HAD CCD
- 500 TVL COLOUR
- 570 TVL MONO
- 0.7 LUX COLOUR
- 0.02 LUX MONO
- 3.8 ~ 38MM LENS
- 10X OPTICAL ZOOM

### OTHER FEATURES

- 10x Digital Zoom
- 12V DC
- 0.8A / 9.6W (Max.)
- 115(Ø) x 4.5(H)" (Without Bracket)
- IP66
- 3Kg
- Up to 940nm
- True Day Night (ICR)
- Auto Gain Control
- 127 Presets
- Back Light Compensation
- 4 Pattern Tours
- On Screen Display
- 8 Variable Speed Tracking
- Privacy Zones
- 2 Alarm Inputs
- SDNR
- 1 Alarm Output
- Auto White Balance
- Flickerless
- RS-485 Control

### DESCRIPTION

Enclosed in a discreet, vandal-resistant and weatherproof housing, the VHSD-810EXT provides a reliable surveillance solution in the most hostile and demanding of environments.

The speed dome features a 10x optical zoom, autofocus lens and a 1/4 inch Sony Super HAD interlaced CCD image sensor. It has an IR-cut filter that can be automatically or manually removed, depending on the light conditions. This enables the camera to capture color video in light conditions down to 0.7 lux, and black and white video in dark conditions as low as 0.02 lux.

### SPECIFICATION

CAMERA	Image Device	1/4"
	Total Pixel	470K Pixels [795(H) x 596(V)]
	Effective Pixel	440K Pixels [752(H) x 582(V)]
	H. Resolution	500 TV Lines(Color), 570 TV Lines(B/W)
	S/N Ratio	50dB (AGC Off)
	Zoom	X10 Optical Zoom and X10 Digital Zoom
	Focal Length	F1.8, f=3.8 ~ 38mm
	MIN. Illuminance	0.7 Lux (Colour) / 0.02 Lux (B/W) @ 50 IRE
	Day & Night	Auto / Day / Night (IR Cut Filter)
	Focus	Auto / Manual / Semi-Auto
	Iris	Auto / Manual
	Shutter Speed	x128 ~ 1/120000 sec
	AGC	Normal / High / Off
	White Balance	Auto / Manual (Red & Blue Gain Adjustable)
	BLC	Low / Middle / High / Off
	Flickerless	Selectable
	SSNR	Low / Middle / High / Off
	Other Functions	Frame Freeze Function, System Image Flip by Installation Type
PAN & TILT	Range	Pan : 360°(Endless), Tilt : 180°(Auto-Flip On) , 95°(Auto-Flip Off)
	Pan/Tilt Speed	Preset : 360°/ sec, Manual : 0.05°~ 360°/ sec (Zoom Proportional)
		VST : 1°~ 180°/ sec
	Preset	128 Presets with Labels / Independent Preset Characteristic Setup
	Pattern	4 Patterns (Approx. 5 Minutes for Each Pattern)
	Scheduling	Create upto 7 schedules by date/time
	VST	8 VST Functions
GENERAL	Group	8 Groups (MAX. 20 Entries for Each Group)
	Other Functions	Image Auto Flip, Auto Parking, Power-up Action
	Communication	RS-485
	Protocol	Pelco-D, Pelco-P Selectable, Samsung, AD, Panasonic, GE (Kalatel)
	Privacy Zone	4 Zones
	Sensor In/Out	2 input / 1 output
	OSD	English
	Power	DC 12V / 0.8A
	Dimension	Dome:115 mm/4.5", Housing:147.5x 141(H) mm/5.8"(ø) x 5.6" (H)
	Weight	Approx. 1.2 Kg / 2.6 Lbs
	Operating Temp	-10°C ~ +50°C

### BRACKETS & ACCESSORIES



VHSD-810WALL  
Wall Mount



VHSD-810TILE  
Tile Mount



VHSD-810CORNER  
Corner Mount  
(Requires Wall Mount)



VHSD-810PENDANT  
Pendant mount



VHSD-810POLE  
Pole Clamp Adapter  
(Min. pole Ø:90mm, Max.  
pole Ø: 162mm)



VHSD-810SUN  
Wall Mount with  
Sunshield



VA-KBDPRO+  
Remote Control  
Keyboard



RX100/VIDECONHSD  
Up the COAX Receiver  
Box



VHSD-PSUEXT  
3 AMP 24V AC  
Boxed PSU

Recognition (50% screen height) and Identification (120% screen Height)  
distances on the Concept Pro VHSD-810EXT dome

Camera	Recognition	Identification	Read number plate
VHSD-810EXT	44.5 metres	18 metres	40 metres

This is based upon a 1.6M high target. Recognition displayed @50% screen height = 3.2M vertical field of view. Identification displayed @120% screen height = 1.33M vertical field of view

ARC FIXED DOWNS

AIR IR CAMERAS

HIGH SPEED DOWNS

BODY CAMERAS

VH24 DVR

MONITORS

HD-SDI

OEM

VIDEOHSD

REDVISION

LUMINITE

# VHSD-770EXT

Concept  Pro

## COLOUR MONO EXTERNAL HIGH SPEED DOME

### KEY FEATURES

- 1/4" CCD
- 540 TVL COLOUR
- 570 TVL MONO
- 0.6 LUX COLOUR
- 0.1 LUX MONO
- 3.84 ~ 88.4MM LENS
- 23X OPTICAL ZOOM

### OTHER FEATURES

- 8x Digital Zoom
- 24V AC
- 2.5A
- 214(Ø) x 230(H)mm
- IP66
- 3.4kg
- True Day Night (ICR)
- Auto Gain Control
- 127 Presets
- RS-485 controlled
- 4 Pattern Tours
- Back Light Compensation
- 8 Variable Speed Tracking
- On Screen Display
- 8 Alarm Inputs
- Privacy Zones
- Auto White Balance
- Wall bracket included
- Flickerless

### SPECIFICATION

CAMERA	CCD	1/4" Interline Transfer
	Resolution	540TVL Colour, 570 TVL Mono
	Minimum Illumination	0.6 Lux Colour, 0.1 Lux Mono
	Optical Zoom	23x 3.84-88.4mm (F1.6-3.9)
	Digital Zoom	Up to 8x
	S/N Ratio	52db
	Focus	Auto / Manual / Semi-Auto
	White Balance	ATW / Manual
	Back Light Compensation	Low / Middle / High / Off
	P&T General	Pan: 360° continuous rotation, Tilt: 90° with auto flip function
PAN & TILT	P&T Speeds	Manual / pattern tour: 0.1° - 180° / second Preset to preset: 400° / second
		Swing: 15° - 30° - 60° / second selectable
	P&T Preset positions	Up to 127, 15 character title per preset, adjustable dwell time per preset (1 sec ~ 4 min)
	Pattern tours	Up to 4, maximum 1 minute per tour
	Variable speed tracking function (VST)	Up to 8, speed adjustable
	Groups	Up to 8, each with up to 20 actions (preset, tour or VST)
	Privacy zones	Up to 4, user definable
	Park function	Park to specified preset after a defined period of inactivity (1 min ~ 4 hours)
	Data type	RS-485
	Protocols	Pelco-D or Pelco-P
COMMUNICATION	Baud rates	2400, 4800, 9600
	Camera ID	1-255
	Alarm I/O	8 inputs, 4 outputs
	On Screen Display	Setup menu, camera position, camera ID, alarm status, preset / VST / pattern tour status
	Environmental rating	IP66
GENERAL	Fan / Heater	Built in
	Sunshield	Fitted
	Operating temperature	-35°C - 50°C
	Humidity	<95%
	Power supply	24V AC, 20 watts maximum (heater on)
	Dimensions (with standard wall bracket and sunshield fitted)	Overall height: 530mm Overall width: 230mm Overall depth: 342mm



### DESCRIPTION

Suitable for a wide variety of outdoor surveillance applications, the VHSD-770EXT features 127 preset positions, 4 pattern tours, 4 privacy zones and 8 variable speed tracking functions. This wide array of features can be combined in to a single group function allowing virtually 'hands-free' operation once the group is activated.

8 alarm inputs and 4 alarm outputs at the head offer plenty of flexibility for connection of proximity sensors and other external equipment. Including support for Pelco P and Pelco D protocol, the VHSD-770EXT is fully compatible with the vast majority of control equipment available today.

### BRACKETS & ACCESSORIES



**VHSD-PENDANT**  
Pendant mount



**VHSD-CORNER**  
Corner Mount

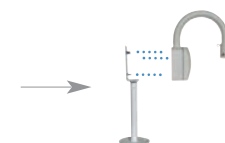


**VHSD-POLE**  
Pole Clamp Adapter  
(Min. pole Ø: 115mm,  
Max. pole Ø: 164mm)



**VHSD-SNA**  
Swan Neck Adapter

The VHSD-870EXT wall bracket fits easily to the VHSD-/SNA to form a pole swan-neck bracket.



**VA-KBDPRO+**  
Remote Control  
Keyboard



**RX100/VIDECONHSD**  
Up the COAX Receiver  
Box



**VHSD-PSUEXT**  
3 AMP 24V AC  
Boxed PSU

Recognition (50% screen height) and Identification (120% screen Height) distances on the Concept Pro VHSD-770EXT dome

Camera	Recognition	Identification	Read number plate
VHSD-770EXT	95 metres	40 metres	84 metres

This is based upon a 1.6M high target. Recognition displayed @50% screen height = 3.2M vertical field of view. Identification displayed @120% screen height = 1.33M vertical field of view

## COLOUR MONO EXTERNAL HIGH SPEED DOME

### KEY FEATURES

- 1/4" CCD
- 540 TVL COLOUR
- 540 TVL MONO
- 1.4 LUX COLOUR
- 0.01 LUX MONO
- 3.4 ~ 122.4MM LENS
- 36X OPTICAL ZOOM

### OTHER FEATURES

- 12x Digital Zoom
- 24V AC
- 2.5A / 20W (Max)
- 214(Ø) x 230(H)mm
- IP66
- 3.4kg
- True Day Night (ICR)
- Auto Gain Control
- 127 Presets
- RS-485 controlled
- 4 Pattern Tours
- Back Light Compensation

- 8 Variable Speed Tracking
- On Screen Display
- 8 Alarm Inputs
- 4 Alarm Relay Outputs
- Wide Dynamic Range
- Privacy Zones
- Auto White Balance
- SDNR
- Wall bracket included
- Flickerless

### SPECIFICATION

CAMERA	CCD	1/4" Sony ExView Day / Night
	Resolution	540 TVL Colour, 540 TVL Mono
	Minimum Illumination	0.01 Lux
	Optical Zoom	36x f=3.4 ~ 122.4mm (F1.4 ~ 3.0)
	Digital Zoom	12x (total zoom 432x with optical zoom)
	S/N Ratio	>48db
	Focus	Auto / Manual
	White Balance	Auto, Indoor, Outdoor, Manual, ATW
	Back Light Compensation	BLC/WDR
	P&T General	Pan: 360° continuous rotation, Tilt: 90° with auto flip function
PAN & TILT	P&T Speeds	Manual / pattern tour: 0.1° - 180° / second Preset to preset: 400° / second Swing: 15° - 30° - 60° / second selectable
	P&T Preset positions	Up to 127, 15 character title per preset, adjustable dwell time per preset (1 sec ~ 4 min)
	Pattern tours	Up to 4, maximum 1 minute per tour
	Variable speed tracking function (VST)	Up to 8, speed adjustable
	Groups	Up to 8, each with up to 20 actions (preset, tour or VST)
	Privacy zones	Up to 8, user definable
	Park function	Park to specified preset after a defined period of inactivity (1 min ~ 4 hours)
	Data type	RS-485
	Protocols	Pelco-D or Pelco-P
	Baud rates	2400, 4800, 9600
COMMUNICATION	Camera ID	1-255
	Alarm I/O	8 inputs, 4 outputs
	On Screen Display	Setup menu, camera position, camera ID, alarm status, preset / VST / pattern tour status
	Environmental rating	IP66
	Fan / Heater	Built in
	Sunshield	Fitted
	Operating temperature	-35°C - +50°C
	Humidity	<95%
	Power supply	24V AC, 20 watts maximum (heater on)
	Dimensions (with standard wall bracket and sunshield fitted)	Overall height: 530mm Overall width: 230mm Overall depth: 342mm



### DESCRIPTION

The VHSD-970EXT is a high performance fully functional dome camera suitable for a wide range of external applications. Featuring an impressive 36x zoom lens, the VHSD-970EXT delivers a powerful optical performance.

In addition to offering the same advanced functionality as the VHSD-870EXT (18x zoom), the VHSD-970EXT also offers a range of added benefits including, a 36x optical zoom lens, high resolution 540TVL, wide dynamic range and super digital noise reduction.

### BRACKETS & ACCESSORIES



Recognition (50% screen height) and Identification (120% screen Height) distances on the Concept Pro VHSD-970EXT dome

Camera	Recognition	Identification	Read number plate
VHSD-970EXT	145 metres	59 metres	129 metres

This is based upon a 1.6M high target. Recognition displayed @50% screen height = 3.2M vertical field of view. Identification displayed @120% screen height = 1.33M vertical field of view



# VCP553

Concept  Pro

## COLOUR MONO ZOOM CAMERA

### KEY FEATURES

- 1/4" CCD
- 600 TVL COLOUR
- 630 TVL MONO
- 0.3 LUX
- 0.0003 LUX DSS
- 3.9 ~ 85.8MM (F1.6)
- 22X OPTICAL ZOOM

### OTHER FEATURES

- 10x Digital Zoom
- 12V DC
- 220mA
- 66 x 64 x 114mm (WxHxD)
- Approx. 870g
- Colour Mono
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- On Screen Display
- Menu Driven Set-up
- D-WDR
- Privacy Masking
- Auto Iris
- Auto Focus
- Flickerless
- RS-485 Interface

### SPECIFICATION

SIGNAL TYPE	NTSC	PAL
CCD		
Image Sensor	1/4inch Sony Super HAD CCD	
Total Pixels	410k(811x508) 470k(795x596)	
Effective Pixels	380k(768x494) 440k(752x582)	
OPTICS		
Lens	22x, f=3.9" ~ 85.8mm(F1.6 ~ F3.7)	
Min. Focus Distance	3.9mm* ~ 85.8mm	
Digital Zoom	1x ~ 10x	
SYNC		
Scanning System	2:1 Interlace	
Sync. System	Internal	
Frequency	15.734 KHz x 59.94 Hz	15.625KHz x 50 Hz
ELECTRICAL		
Horizontal Resolution	600 TV Lines	
Camera Title	Off / On	
Camera ID	255 ID Selectable	
Video Output	1.0Vp-p (75Ω) compatible	
S/N Ratio	>50dB (AGC Off)	
Min. Illumination	0.3 Lux(F1.6(W), AGC High, DSS Off, 30 IRE)	
Backlight Compensation	Off/On (Level Adjustable, Area Selectable)	
Day & Night	Auto / Colour / BW / External	
Gain Control	Auto(OFF / LOW / MIDDLE / HIGH) / Manual	
White Balance	ATW / AWB / Push / Manual / Indoor / Outdoor	
Electronic Shutter	1/60 ~ 1/100,000 sec 1/50 ~ 1/100,000 sec	
D-WDR	Off / On	
Digital Slow Shutter	256FLD~2FLD/AUTO/OFF/FLK/~1/100000	
Digital Noise Reduction	Off / On	
Motion Defection	4 Area	
OSD	ENG / CHI	
Focus	Auto / Manual / Triger / Interval	
Zoom Tracking Speed	4.3 Sec ~ 50.0 Sec	
Lens	Initialize Support	
Zoom/Focus Preset	512 internal	
3D Privacy Function	8 Area	
E-Flip	Off, H, V, H/V	
Freeze	Off / On	
COMMUNICATION	RS-485(2400, 4800, 9600, 19200, 38400 Selectable)	
	PELCO-D	
POWER	DC 7.0~ 16V(12V, 220mA Max)	
DIMENSIONS	66 x 64 x 114mm	
WEIGHT	Approximately 870g	

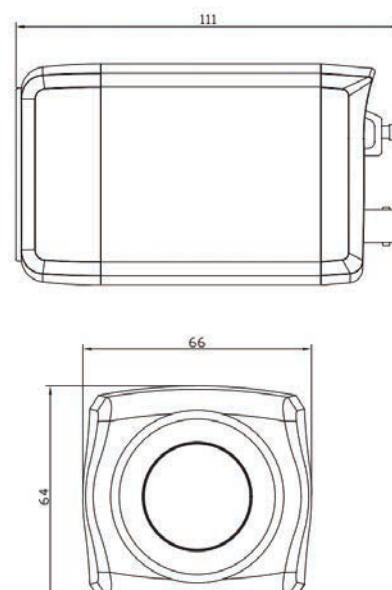


### DESCRIPTION

The Concept Pro VCP553 Body/Zoom camera offers a cost-effective alternative to all camera and lens combinations. The VCP553 produces excellent picture quality, with a built-in 22x optical power and 10x digital zoom lens.

Suitable for a wide variety of surveillance applications, the VCP553 incorporates the latest 1/4" high-resolution Sony CCD technology to provide crisp, clear pictures.

Additional features include RS-485 controller interface and an on-screen display menu for ease of set-up.



### ALSO AVAILABLE IN A PRE-BUILT HOUSING

The camera can be pre-assembled in a Haydon Metro camera housing and is ready to be installed straight out of the box

- Fully cable managed CCTV camera housing
  - Side opening for ease of installation & maintenance
  - Weatherproof to IP67
  - 3 year anti-corrosion warranty
  - Manufactured from die cast aluminium
  - Quick release removable top
  - Low power consumption with integrated heater.
- E.g. 600mA @ 12V DC
- C/w 0.5m of cable
  - 230V Option also available



- Order Codes
- VCP553/METRO 12V DC
  - VCP553/METRO/230V 230V

## COLOUR MONO ZOOM CAMERA

### KEY FEATURES

- 1/4" CCD
- 560 TVL COLOUR
- 1.0 LUX COLOUR & 0.1 LUX MONO
- 0.15 LUX DSS COLOUR & 0.08 LUX DSS MONO
- 27X OPTICAL ZOOM

### OTHER FEATURES

- rue Day Night (ICR)
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- On Screen Display
- Menu Driven Set-up
- 10x Digital Zoom
- Auto Iris
- Auto Focus
- Flickerless
- RS-485 Interface

### SPECIFICATION

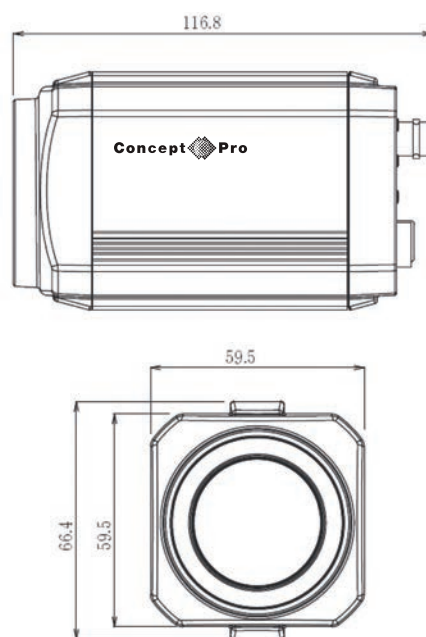
Signal System	PAL
CCD	
Image Sensor	1/4" Sony Super HAD CCD II
Total Pixels	470K (795*596)
Effective Pixels	440K (752*582)
OPTICS	
Lens	x27, f=3.1mm* ~ 82.71mm (F1.6 ~ F3.8)
SYNC	
Scanning System	2:1 Interlace
Sync. System	Internal (Available Line Lock)
Scanning Frequency	15.625KHz, 50Hz
ELECTRICAL	
Horizontal Resolution	560TVL
Camera Title	OFF/ ON
Camera ID	255 ID Selectable
Video Output	1.0Vp-p Composite (75Ω)
S/N Ratio	> 50dB (AGC Off)
Min. Illumination	0.1 Lux (F1.6-Wide, AGC High, DSS Off, 30IRE)
Backlight Compensation	OFF / ON (Level Adjustable, Area Selectable)
Day & Night	Auto/ Colour / BW / EXT.
Gain Control	Auto(Off / Low / Middle / High) / Manual
White Balance	ATW/ AWB / Push / Manual / Indoor / Outdoor
Electronic Shutter	1/50 ~ 1/100,000 sec
D-WDR	OFF/ ON
Smart-IR	OFF/ ON
Digital Slow Shutter	Auto, Manual, ON (2FLD) / OFF
Digital Noise Reduction	OFF/ ON
Motion Detection	4 Area
OSD	Built-in
Focus	Auto/ Manual / Trigger / Interval
Zoom Movement Speed	3.5 sec ~ 40.0 sec (Direct 2.3sec)
Lens Initialize	Support
Zoom / Focus Preset	512 Internal
3D Privacy Function	8 Area
E-FLIP	OFF / H / V / HV
Freeze	OFF/ ON
COMMUNICATION	RS-485 (Protocol : Pelco-D)
POWER	DC 7.0 ~ 16.0V (12V, 230mA Max)
DIMENSION	59.5*66.4*116.8 mm
WEIGHT	Approximately 350g



### DESCRIPTION

The VCP702 is a high performance day/night zoom camera featuring a 27x optical and 10 x digital zoom. It has a resolution of 560 TVL and can operate down to 1 Lux colour and 0.1 Lux mono.

It comes with an on-screen display and menu driven set up for ease of installation. Thanks to the RS485 controller interface, it can also be integrated with a variety of control equipment including the VA-KBDPRO, as well as the VXH264 DVR.



### ALSO AVAILABLE IN A PRE-BUILT HOUSING

The camera can be pre-assembled in a Haydon Metro camera housing and is ready to be installed straight out of the box

- Fully cable managed CCTV camera housing
- Side opening for ease of installation & maintenance
- Weatherproof to IP67
- 3 year anti-corrosion warranty
- Manufactured from die cast aluminium
- Quick release removable top
- Low power consumption with integrated heater.  
E.g. 600mA @ 12V DC
- C/w 0.5m of cable
- 230V Option also available



#### Order Codes

- VCP702/METRO 12V DC
- VCP702/METRO/230V 230V

# VCP2259

Concept  Pro

## COLOUR MONO BODY CAMERA

### KEY FEATURES

- 1/3" SONY HAD CCD
- SONY EFFIO-E DSP
- 700 TVL COLOUR & MONO
- 0.1 LUX COLOUR & MONO
- 12V DC/24V AC
- C/CS
- TRUE COLOUR MONO (ICR)

### OTHER FEATURES

- Power Consumption: <2W
- 65.5 x 61 x 125 mm (WxHxD)
- Approx.400g
- Auto White Balance
- Auto Gain Control
- Back Light Compensation

### SPECIFICATION

TV System	NTSC	PAL
CCD	1/3" Sony Super HAD CCD	
Image Sensor	1/3" Sony Super HAD CCD	
DSP	Sony Effio-E	
Scanning System	2:1 Interlace	
Total Pixels	1020(H)x508(V)	1020(H)x596(V)
Effective Pixels	976(H) x 494(V)	976(H) x 582 V)
Electric Property	700 TVL	
Resolution	700 TVL	
E. Shutter	1/60 sec ~ 1/100,000 sec	1/50 sec ~ 1/100,000 sec
SNR	> 48dB (AGC OFF)	
Lens Support	Auto / Manual DC Lens / VD Lens / Manual Lens	
Synchronization	Internal Synchronization	
Video Output	1.0V p-p/75 Ohm	
White Balance	ATW/PUSH/PUSH LOCK/SCR/USER1/USER2	
Day/Night Mode (ICR)	Burst/Delay/Day ->Night/Night->Day	
Back Light Compensation	BLC / HSBLC / OFF	
Noise Reduction	Yes	
Picture Adjust	Mirror/Brightness/Contrast/Sharpness/Hue/GainTitle	
Motion Detection	4 Zones	
Privacy Masking	4 Zones	
Languages	English	
Input Voltage	DC12V/AC24V ±10%	
Power Consumption	<2W	
Storage Temperature	-20°C ~ +60°C	
Operating Temperature	-10°C ~ +50°C	
Dimensions (WxHxD)	65.5 x 61 x 125 mm	



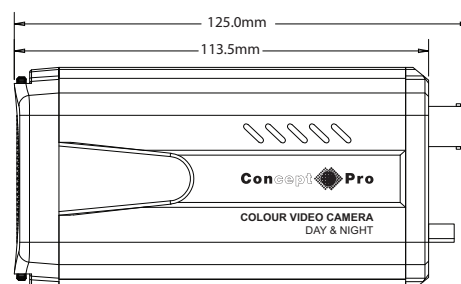
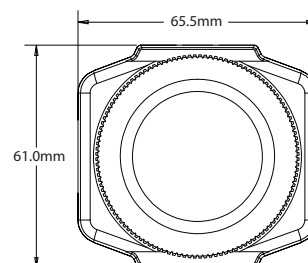
\* Lens not included

### DESCRIPTION

The VCP2259 is a high resolution day/night camera offering exceptional value for money.

Featuring 700 TVL and day/night operation, the VCP2259 produces sharp, high quality images in almost any environment.

The VCP2259 offers a cost-effective solution for a variety of applications, particularly where around the clock surveillance is required.



### Compatible LENSES

- CVD358**  
1/3" 3.5-8.0mm F1.4 manual focus manual zoom varifocal
- CVD2812**  
1/3" 2.8-12.0mm F1.4 manual focus manual zoom varifocal
- CVD660**  
1/3" 6.0-60mm F1.6 manual focus manual zoom varifocal
- CVD5100**  
1/3" 5.0-100mm F1.8 manual focus manual zoom varifocal

## COLOUR MONO BODY CAMERA



\* Lens not included

### KEY FEATURES

- 1/3" XDI CCD
- 560 TVL COLOUR & MONO
- 0.1 LUX COLOUR & MONO
- 0.001 LUX DSS COLOUR & DSS MONO
- 12V DC/24V AC
- C/CS
- TRUE COLOUR MONO (ICR)

### OTHER FEATURES

- Power Consumption: <2W
- 65.5 x 61 x 125 mm (WxHxD)
- Approx. 400g
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Wide Dynamic Range

### DESCRIPTION

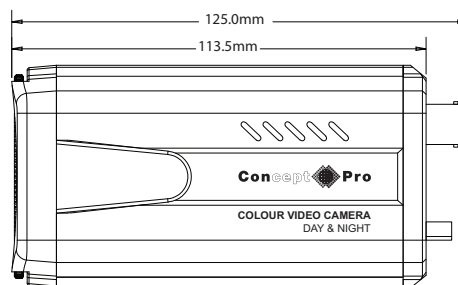
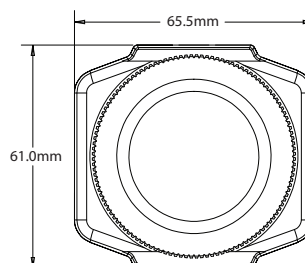
The VCP2269 is a high resolution day/night camera offering exceptional value for money.

Featuring 560TVL and day/night operation, the VCP2269 produces sharp, high quality images in almost any environment. Incorporating a built in DSS (digital slow shutter) this camera is able to operate in light levels as low as 0.001 lux.

The VCP2269 offers a cost-effective solution for a variety of applications, particularly where around the clock surveillance is required.

### SPECIFICATION

Signal System	NTSC	PAL
CCD		
Image Sensor	1/3" XDI CCD	
Synchronization	2:1 Interlace	
Total Pixels	811(H)x508(V)	795(H)x596(V)
Effective Pixels	768(H)x494(V)	752(H)x582(V)
Electrical performance		
Horizontal Resolution	560 TV Lines	
Electronic Shutter	1/60 - 1/100,000 sec	1/50 - 1/100,000 sec
S/N Ratio	≥48 dB ( AGC OFF )	
Minimum Illumination	0.1LUX/F1.2 (0.001 Lux sens-up Auto )	
Scanning System	2:1 Interlace	
Synchronization	Internal Synchronisation	
Video Output	1.0Vp-p/75 Ohm	
Function		
Day/Night (ICR)	Auto/Night/Day/external	
Backlight Compensation	Low/Mid/Indoor/Black/Dark grey	
WDR	Dynamic level 1~7	
Digital Noise Reduction	Off/Low/Mid/High	
Motion Detection	ON/OFF(4 area)	
Privacy Masking	ON/OFF(8 area)	
Language selection	Chinese/English	
Electronic Sensitivity	Selectable	
Electronic Shutter	Selectable	
Sharpness	0~68	
Digital zoom	10x	
Shake Reduction	ON/OFF	
Power		
Input Voltage	12VDC/AC24V	
Power Consumption	<2W	
Menu	Internal	
Operating Temp	-10°C ~+50°C+C34+C33	
Storage Temp	-20°C~+60°C	
Dimensions	65.5 x 61 x 125 mm	



### Compatible LENSES

**CVD358**  
1/3" 3.5-8.0mm F1.4 manual focus manual zoom varifocal

**CVD2812**  
1/3" 2.8-12.0mm F1.4 manual focus manual zoom varifocal

**CVD660**  
1/3" 6.0-60mm F1.6 manual focus manual zoom varifocal

**CVD5100**  
1/3" 5.0-100mm F1.8 manual focus manual zoom varifocal

# VCP7236

Concept  Pro

## COLOUR MONO BODY CAMERA

### KEY FEATURES

- 1/3" SONY SUPER HAD CCD
- SONY EFFIO-E DSP
- 650 TVL COLOUR
- 700 TVL MONO
- 0.03 LUX COLOUR
- 0.003 LUX MONO
- 2.8-10MM VARIFOCAL



### OTHER FEATURES

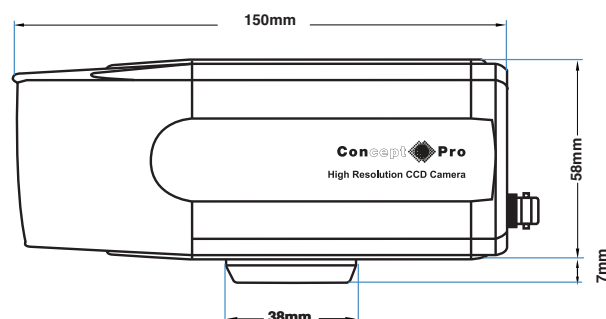
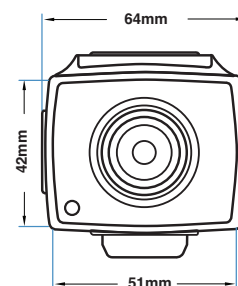
- 12V DC/24V AC
- 180mA
- 64 x 65 x 150 mm (WxHxD)
- Approx. 300g
- Colour Mono
- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- Flickerless

### DESCRIPTION

The VCP7236 is a versatile high resolution colour body camera that can be used in a variety of applications. The built-in DC varifocal lens covers a wide range of viewing angles, making this camera the perfect surveillance solution for environments such as, retail stores, hotels, restaurants, shopping centres and car parks.

### SPECIFICATION

MODEL	VCP7236
Image Sensor	1/3" Sony Super HAD CCD
DSP	Sony Effio-E
Signal system	PAL/NTSC
Effective pixel	PAL: 976(H)x582(V) ; NTSC 976(H)x494(V)
Resolution	650TV Lines in Colour 700TV Lines in B&W
Min. illumination	0.03 Lux/F1.2 IRE40 (Colour) 0.003 Lux (B&W)
Lens	Auto IRIS Vari-focal lens F=2.8-10mm
Day & Night	Colour Mono
S/N Ratio	More than 52dB(AGC Off)
IR LED	N/A
Control Method	Multi-language OSD
ES	1/50-1/100,000sec(PAL)
White Balance	ATW/ PUSH/ USER1/ USER2/ ANTI CR/Manual/PUSH LOCK
AGC	AGC Can be adjustable by OSD
BLC	ON/OFF
DNR	2D DNR
HLC	ON/OFF
Privacy Masking Function	4 Zones
Motion Detection	4 Zones
Sync. Mode	Internal
Video Output	1.0V P-P,75 Ohm
Power Supply	DC12V/AC 24V
Power Consumption	180mA MAX
Operation Temperature	-10°C~ +50°C RH90% MAX
Dimension	64 x 65 x 150 (WxHxD)
Weight	300g



### KEY FEATURES

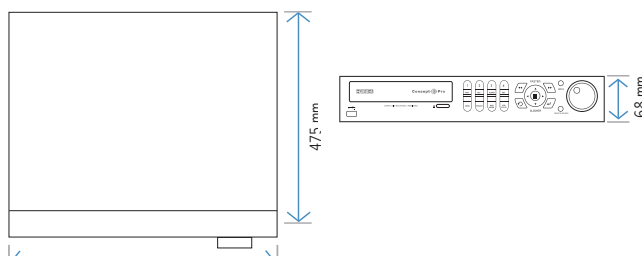
- **H264 COMPRESSION**
- **4 CHANNELS**
- **REAL-TIME RECORDING AND PLAYBACK**
- **SEAMLESS INTEGRATION WITH CONCEPT PRO PRODUCTS**
- **COMPATIBLE WITH PROFESSIONAL REMOTE MONITORING STATIONS**
- **COLOUR CODED GUI**
- **REMOTE CONNECTION VIA WEB BROWSER**
- **SMARTPHONE CONNECTION VIA WEB BROWSER**
- **MULTI-PROTOCOL TELEMETRY COMPATIBILITY**
- **WATCHDOG AND SMART SYSTEM CHECK FUNCTIONS**
- **INSTANT PLAYBACK**
- **INTENSIVE RECORDING**
- **ACTIVITY AUDIT TRAIL**
- **MULTIPLE CONTROL OPTIONS**
- **ARCHIVE TO USB/DVD/OVER NETWORK/EXTERNAL HDD**
- **RESERVE DATA MANAGEMENT**
- **USB CONFIGURABLE FOR FLASH UPLOAD VIA USB**
- **EMAIL SUPPORT**



### DESCRIPTION

The VXH264 is the next generation of digital video recorder and remote monitoring solution from Concept Pro. The VXH264 is a high specification digital video recorder that is competitively priced with the added advantage of professional remote monitoring connectivity.

Exceeding the expectations of today's security installer, the Concept Pro VXH264 is a versatile recording solution that can be specified for installations large or small.



### SPECIFICATION

Operation	
Genuine Pentaplex	Simultaneous recording, playback, network live view, network playback, network remote set-up. Frame rate unaffected
Video in	
Channels	4
Connection	BNC, 1.0Vpp composite 75ohm unbalanced
Loop through	BNC, 1.0Vpp composite 75ohm unbalanced, auto-termination
Audio in	
Channels	4
Connection	RCA, line level unbalanced
Main displays	
BNC	1.0Vpp composite 75ohm unbalanced
DVI	25PIN DVI Socket 1028 x 768 : DVI to VGA adaptor included
Screen display modes	1, 4
Sequence	Adjustable dwell Time
Spot displays	
Channels	1
Connection	BNC, 1.0Vpp composite 75ohm unbalanced
Display mode	Full screen sequence, adjustable dwell-time
Audio out	
Channels	1
Connection	RCA, line level unbalanced
External alarm	
Inputs	4, NO or NC common ground
Outputs	1, SPDT relay
User interface	
On-screen display	GUI
Control	Mouse, Front panel, IR Remote and / or VA-KBDPRO+ PTZ Keyboard
Recording	
Video CODEC	H.264
Resolution options for each channel	CIF (352 x 288), 2 CIF (704 x 288), D1 (704 x 576)
Maximum total frame rate	100 FPS (2 CIF)
Image quality	Super, Highest, High, Standard, Low
Pre-event recording	5 seconds max
Recording modes	Schedule / motion detection / alarm
Frame rate options for each channel	25 - 13 - 7 - 3 - 2 - 1
Schedule	Per channel, per hour, per day / week
Configurable recording time limits	12 hours, 1 day, 2 days, 3 days, 4 days, 5 days, 6 days, 1 week, 2 weeks, 3 weeks, 1 month, 2 month
Audio	Audio inputs independently assigned to each channel
Motion detection	16 x 16 selectable grid with 10 levels of sensitivity
Covert recording	Yes, selectable by channel
Camera title	8 characters (max)
Playback	
Speed	Forward / reverse. 1x, 2x, 4x, 8x, 16x, 32x, 64x
Control	Front panel buttons and Jog / Shuttle ring, mouse
Search method	Calendar / timeline, event log, instant playback, Pano
Split screen display modes	1, 4
Audio synchronization	Yes, any frame rate
Archiving	
Storage	CD-R (DVD-R option), USB Memory stick, Network
Format	Watermarked AVI
Archive data	Independent channel selection, back-up log, event log
Time	
Time zone	Worldwide, selectable
DST	Yes
Time synchronisation	Internet time server
PTZ	
RS-485	Multi-protocol, baud rate and speed control for each channel
System	
Watchdog	Yes
Abnormal shutdown detection	Yes, with system auto recovery
HDD Error detection	Yes, SMART monitoring
System data backup / restore	Yes, USB memory stick
Network	
Connection	RJ45
Simultaneous connections	4 (max)
DHCP	No
DDNS	Yes
Two way network audio	Yes
Bandwidth management	Yes
Remote Access	
Web Browser	Yes
Remote configuration	Yes
Remote PTZ control	Yes
Email event notification	Yes
Storage	
Maximum Capacity	Yes
Storage	Currently 4TB
Recording options	2x HDD maximum
Event handling	
Stop when full / overwrite	
Source	Alarm in, motion detection, video loss, HDD error, Panic
Action	Record, alarm out, email notification, log, remote client pop-up, buzzer, full screen pop-up
Security	
User levels	ADMIN, MANAGER*, USER* (*Configurable)
Key Lock	No
Physical	
Dimensions	360mm(w) x 400mm(d) x 68mm (h)
Weight	4.5kg (without HDD)



# VXH264-8

## 8 CHANNEL DIGITAL RECORDER

### KEY FEATURES

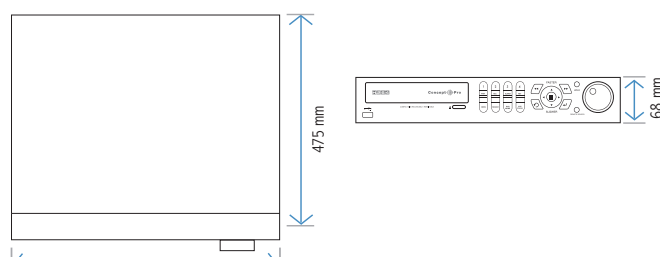
- **H264 COMPRESSION**
- **8 CHANNELS**
- **REAL-TIME RECORDING AND PLAYBACK**
- **SEAMLESS INTEGRATION WITH CONCEPT PRO PRODUCTS**
- **COMPATIBLE WITH PROFESSIONAL REMOTE MONITORING STATIONS**
- **COLOUR CODED GUI**
- **REMOTE CONNECTION VIA WEB BROWSER**
- **SMARTPHONE CONNECTION VIA WEB BROWSER**
- **MULTI-PROTOCOL TELEMETRY COMPATIBILITY**
- **WATCHDOG AND SMART SYSTEM CHECK FUNCTIONS**
- **INSTANT PLAYBACK**
- **INTENSIVE RECORDING**
- **ACTIVITY AUDIT TRAIL**
- **MULTIPLE CONTROL OPTIONS**
- **ARCHIVE TO USB/DVD/OVER NETWORK/EXTERNAL HDD**
- **RESERVE DATA MANAGEMENT**
- **USB CONFIGURABLE FOR FLASH UPLOAD VIA USB**
- **EMAIL SUPPORT**



### DESCRIPTION

The VXH264 is the next generation of digital video recorder and remote monitoring solution from Concept Pro. The VXH264 is a high specification digital video recorder that is competitively priced with the added advantage of professional remote monitoring connectivity.

Exceeding the expectations of today's security installer, the Concept Pro VXH264 is a versatile recording solution that can be specified for installations large or small.



### SPECIFICATION

Operation		Playback	
Genuine Pentaplex	Simultaneous recording, playback, network live view, network playback, network remote set-up. Frame rate unaffected	Speed	Forward / reverse. 1x, 2x, 4x, 8x, 16x, 32x, 64x
<b>Video in</b>		Control	Front panel buttons and Jog / Shuttle ring, mouse
Channels	8	Search method	Calendar / timeline, event log, instant playback, Pano
Connection	BNC, 1.0Vpp composite 75ohm unbalanced	Split screen display modes	1,4,9
Loop through	BNC, 1.0Vpp composite 75ohm unbalanced, auto-termination	Audio synchronization	Yes, any frame rate
<b>Audio in</b>		<b>Archiving</b>	
Channels	4	Storage	CD-R (DVD±R option), USB Memory stick, Network
Connection	RCA, line level unbalanced	Format	Watermarked AVI
<b>Main displays</b>		Archive data	Independent channel selection, back-up log, event log
BNC	15 pin D-SUB 1024 x 768 @ 60Hz	<b>Time</b>	
DVI (4CH)	N/A	Time zone	Worldwide, selectable
VGA (8CH, 16CH)	4 pin mini din Y/C	DST	Yes
S-Video	Single HDMI Socket. Max. 1024 x 768 @ 60Hz	Time synchronisation	Internet time server
HDMI	2, fully programmable	<b>PTZ</b>	
Screen display modes	1, 4, 6 (1+5), 8 (1+7), 9	RS-485	Multi-protocol, baud rate and speed control for each channel
Sequence	Adjustable dwell time, user-defined sequences	<b>System</b>	
Digital zoom	Between 2x & 4x	Watchdog	Yes
<b>Spot displays</b>		Abnormal shutdown detection	Yes, with system auto recovery
Channels	2, fully programmable	HDD Error detection	Yes, SMART monitoring
Connection	BNC, 1.0Vpp composite 75ohm unbalanced	System data backup / restore	Yes, USB memory stick
Display mode	Full screen sequence, adjustable dwell-time	<b>Network</b>	
<b>Audio out</b>		Connection	RJ45
Channels	1	Simultaneous connections	4 (max)
Connection	RCA, line level unbalanced	DHCP	No
<b>External alarm</b>		DDNS	Yes
Inputs	8, NO or NC common ground	Two way network audio	Yes
Outputs	8, high(+5V) or low (0V) selectable, common ground + 4 Relay Out	Bandwidth management	Yes
<b>User interface</b>		<b>Remote Access</b>	
On-screen display	GUI	Web Browser	Yes
Control	Mouse, Front panel, IR Remote and / or VA-KBDPRO+ PTZ Keyboard	Remote configuration	Yes
<b>Recording</b>		Remote PTZ control	Yes
Video CODEC	H.264	Email event notification	Yes
Resolution options for each channel	CIF (352 x 288), 2 CIF (704 x 288), D1 (704 x 576)	<b>Storage</b>	
Maximum total frame rate	200FPS (CIF)	Maximum Capacity	Currently 8Tb
Image quality	Super, Highest, High, Standard, Low	Storage	4x HDD Maximum
Pre-event recording	5 seconds max	Recording options	Stop when full / overwrite
Recording modes	Schedule/motion, detection/alarm/panic	<b>Event handling</b>	
Frame rate options for each channel	25 - 13 - 7 - 2 - 1	Source	Alarm in, motion detection, video loss, HDD error, Panic
Schedule	Per channel, per hour, per day / week	Action	Record, alarm out, email notification, log, remote client pop-up, buzzer, full screen pop-up
Configurable recording time limits	12 hours, 1 day, 2 days, 3 days, 4 days, 5 days, 6 days, 1 week, 2 weeks, 3 weeks, 1 month, 2 month	<b>Security</b>	
Audio	Audio inputs independently assigned to each channel	User levels	ADMIN, MANAGER*, USER* (*Configurable)
Motion detection	16 x 16 selectable grid with 10 levels of sensitivity	Key Lock	No
Covert recording	Yes, selectable by channel	<b>Physical</b>	
Camera title	8 characters (max)	Dimensions	428mm(w)x475mm(d)x93mm(h)
		Weight	4.8Kg (without HDD)

# VXH264-16

## 16 CHANNEL DIGITAL RECORDER

Concept Pro



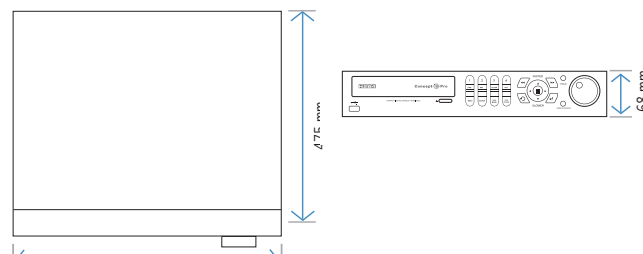
### KEY FEATURES

- **H264 COMPRESSION**
- **16 CHANNELS**
- **REAL-TIME RECORDING AND PLAYBACK**
- **SEAMLESS INTEGRATION WITH CONCEPT PRO PRODUCTS**
- **COMPATIBLE WITH PROFESSIONAL REMOTE MONITORING STATIONS**
- **COLOUR CODED GUI**
- **REMOTE CONNECTION VIA WEB BROWSER**
- **SMARTPHONE CONNECTION VIA WEB BROWSER**
- **MULTI-PROTOCOL TELEMETRY COMPATIBILITY**
- **WATCHDOG AND SMART SYSTEM CHECK FUNCTIONS**
- **INSTANT PLAYBACK**
- **INTENSIVE RECORDING**
- **ACTIVITY AUDIT TRAIL**
- **MULTIPLE CONTROL OPTIONS**
- **ARCHIVE TO USB/DVD/OVER NETWORK/EXTERNAL HDD**
- **RESERVE DATA MANAGEMENT**
- **USB CONFIGURABLE FOR FLASH UPLOAD VIA USB**
- **EMAIL SUPPORT**

### DESCRIPTION

The VXH264 is the next generation of digital video recorder and remote monitoring solution from Concept Pro. The VXH264 is a high specification digital video recorder that is competitively priced with the added advantage of professional remote monitoring connectivity.

Exceeding the expectations of today's security installer, the Concept Pro VXH264 is a versatile recording solution that can be specified for installations large or small.



### SPECIFICATION

Operation		Playback	
Genuine Pentaplex	Simultaneous recording, playback, network live view, network playback, network remote set-up, Frame rate unaffected	Speed	Forward / reverse, 1x, 2x, 4x, 8x, 16x, 32x, 64x
<b>Video in</b>	Channels	Control	Front panel buttons and Jog / Shuttle ring, mouse
	Connection	Search method	Calendar / timeline, event log, instant playback, Pano
	Loop through	Split screen display modes	1,4,16
<b>Audio in</b>	Channels	Audio synchronization	Yes, any frame rate
	Connection	<b>Archiving</b>	
<b>Main displays</b>	BNC	Storage	CD-R (DVD±R option), USB Memory stick, Network
	DVI (4CH)	Format	Watermarked AVI
	VGA (8CH, 16CH)	Archive data	Independent channel selection, back-up log, event log
S-Video	Single HDMI Socket, Max. 1024 x 768 @ 60Hz	<b>Time</b>	
HDMI	2, fully programmable	Time zone	Worldwide, selectable
Screen display modes	1, 4, 6 (1+5), 8 (1+7), 9	DST	Yes
Sequence	Adjustable dwell time, user-defined sequences	Time synchronisation	Internet time server
Digital zoom	Between 2x & 4x	<b>PTZ</b>	
<b>Spot displays</b>	Channels	RS-485	Multi-protocol, baud rate and speed control for each channel
	Connection	<b>System</b>	
	Display mode	Watchdog	Yes
<b>Audio out</b>	Channels	Abnormal shutdown	Yes, with system auto recovery
	Connection	HDD Error detection	Yes, SMART monitoring
	Connection	System data backup / restore	Yes, USB memory stick
<b>External alarm</b>	Inputs	<b>Network</b>	
	Outputs	Connection	
		Simultaneous connections	RJ45
<b>User interface</b>	On-screen display	DHCP	4 (max)
	Control	DDNS	No
		Two way network audio	Yes
<b>Recording</b>	Video CODEC	Bandwidth management	Yes
	Resolution options for each channel	<b>Remote Access</b>	
	Maximum total frame rate	Web Browser	Yes
Image quality	Super, Highest, High, Standard, Low	Remote configuration	Yes
Pre-event recording	5 seconds max	Remote PTZ control	Yes
Recording modes	Schedule/motion, detection/alarm/panic	Email event notification	Yes
Frame rate options for each channel	25 - 13 - 7 - 3 - 2 - 1 - 0	<b>Storage</b>	
Schedule	Per channel, per hour, per day / week	Maximum Capacity	
Configurable recording time limits	12 hours, 1 day, 2 days, 3 days, 4 days, 5 days, 6 days, 1 week, 2 weeks, 3 weeks, 1 month, 2 month	Storage	Currently 8Tb
Audio	Audio inputs independently assigned to each channel	Recording options	4x HDD Maximum
Motion detection	16 x 16 selectable grid with 10 levels of sensitivity	<b>Event handling</b>	
Covert recording	Yes, selectable by channel	Source	Stop when full / overwrite
Camera title	8 characters (max)	Action	
		Alarm in, motion detection, video loss, HDD error, Panic	
		Record, alarm out, email notification, log, remote client pop-up, buzzer, full screen pop-up	
		<b>Security</b>	
		User levels	
		Key Lock	ADMIN, MANAGER*, USER* (*Configurable)
		<b>Physical</b>	
		Dimensions	
		Weight	428mm(w)x475mm(d)x93mm(h)
			4.8Kg (without HDD)

# VXH264D-16

## D1 16 CHANNEL DIGITAL RECORDER

Concept  Pro

### KEY FEATURES

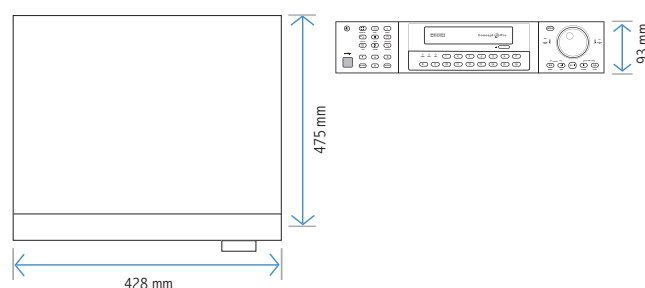
- **H264 COMPRESSION**
- **D1 REAL-TIME RECORDING AND PLAYBACK**
- **16 CHANNELS**
- **HIGH DEFINITION 1080P OUTPUT**
- **DUAL STREAMING**
- **SEAMLESS INTEGRATION WITH CONCEPT PRO PRODUCTS**
- **COMPATIBLE WITH PROFESSIONAL REMOTE MONITORING STATIONS**
- **COLOUR CODED GUI**
- **REMOTE CONNECTION VIA WEB BROWSER**
- **SMARTPHONE CONNECTION VIA APP**
- **MULTI-PROTOCOL TELEMETRY COMPATIBILITY**
- **WATCHDOG AND SMART SYSTEM CHECK FUNCTIONS**
- **INTENSIVE RECORDING**
- **ACTIVITY AUDIT TRAIL**
- **MULTIPLE CONTROL OPTIONS**
- **ARCHIVE TO USB/DVD/OVER NETWORK/EXTERNAL HDD**
- **RESERVE DATA MANAGEMENT**
- **USB CONFIGURABLE FOR FLASH UPLOAD VIA USB**
- **EMAIL SUPPORT**



### DESCRIPTION

The VXH264 is the next generation of digital video recorder and remote monitoring solution from Concept Pro. The VXH264 is a high specification digital video recorder that is competitively priced with the added advantage of professional remote monitoring connectivity.

Exceeding the expectations of today's security installer, the Concept Pro VXH264 is a versatile recording solution that can be specified for installations large or small.



### SPECIFICATION

Operation		Playback	
Genuine Pentaplex	Simultaneous recording, playback, network live view, network playback, network remote set-up. Frame rate unaffected	Speed	Forward / reverse. 1x, 2x, 4x, 8x, 16x, 32x, 64x
<b>Video in</b>	Channels	Control	Front panel buttons and Jog / Shuttle ring, mouse, IR Remote
	Connection	Search method	Calendar / timeline, event log, instant playback, POS event
	Loop through	Split screen display modes	1, 4, 6, 8, 9, 16
<b>Audio in</b>	Connection	Audio synchronization	Yes, any frame rate
	Channels	<b>Archiving</b>	
<b>Main displays</b>	Connection	Storage	CD-R (DVD±R option), USB Memory stick, Network, FTP
	BNC	Format	Watermarked AVI
VGA	1.0Vpp composite 75ohm unbalanced	Archive data	Independent channel selection, back-up log, event log
S-Video	4 pin mini din Y/C	<b>Time</b>	
HDMI	Single HDMI Socket. Max. 1920 x 1080p @ 50Hz	Time zone	Worldwide, selectable
Screen display modes	1, 4, 6 (1+5), 8 (1+7), 9, 16	DST	Yes
Sequence	Adjustable dwell time, user-defined sequences	Time synchronisation	Internet time server
Digital zoom	Between 2x ~ 14x	<b>PTZ / POS</b>	
<b>Spot displays</b>	Channels	RS-485	Multi-protocol, baud rate and speed control for each channel
	Connection	<b>System</b>	
<b>Audio out</b>	Display mode	Watchdog	Yes
	Full screen sequence, adjustable dwell-time	Abnormal shutdown	Yes, with system auto recovery
<b>External alarm</b>	Channels	detection	
	Connection	HDD Error detection	Yes, SMART monitoring
Inputs	16, NO or NC common ground	System data backup / restore	Yes, USB memory stick, web
Outputs	16, high(+5V) or low (0V) selectable, common ground + 4 Relay Out	<b>Network</b>	
<b>User interface</b>	On-screen display	Connection	RJ45
	Control	Simultaneous connections	4 (max)
<b>Recording</b>	GUI	DHCP	Yes
	Mouse, Front panel, IR Remote and / or VA-KBDPRO+ PTZ Keyboard	DDNS	Yes
Video CODEC	H.264	Two way network audio	Yes
Resolution options for each channel	CIF (352 x 288), 2 CIF (704 x 288), D1 (704 x 576)	Bandwidth management	Yes
Maximum total frame rate	400FPS (D1)	<b>Remote Access</b>	
Image quality	Super, Highest, High, Standard, Low	I.E Browser	Yes
Pre-event recording	5 seconds max	Smart Phone	Yes
Recording modes	Schedule/motion detection/alarm/panic	Remote configuration	Yes
Frame rate options for each channel	25 - 13 - 7 - 3 - 2 - 1	Remote PTZ control	Yes
Schedule	Per channel, per hour, per day / week	Email event notification	Yes
Configurable recording	12 hours, 1 day, 2 days, 3 days, 4 days, 5 days, 6 days, 1 week, 2 weeks, 3 weeks, 1 month, 2 month	<b>Storage</b>	
Audio	Audio inputs independently assigned to each channel	Maximum Capacity	Currently 8Tb
Motion detection	16 x 16 selectable grid with 10 levels of sensitivity	Storage	4x HDD Maximum
Covert recording	Yes, selectable by channel	Recording options	Stop when full / overwrite
Camera title	8 characters (max)	<b>Event handling</b>	
		Source	Alarm in, motion detection, video loss, HDD error, Panic
		Action	Record, alarm out, email notification, log, remote client pop-up, buzzer, full screen pop-up
		<b>Security</b>	
		User levels	ADMIN, MANAGER*, USER* (*Configurable)
		Key Lock	Yes, Password Protected
		<b>Physical</b>	
		Dimensions	428mm(w)x475mm(d)x93mm(h)
		Weight	4.8Kg (without HDD)

### KEY FEATURES

- **15" SCREEN**
- **HIGH RESOLUTION 1024 X 768**
- **300CD/M2**
- **600:1**
- **MULTIPLE VIDEO INPUT TYPES**
- **HDMI INPUT**
- **STEREO AUDIO**
- **170° VIEWING ANGLE**

### OTHER FEATURES

- Voltage: 12V DC
- Discreet, side mounted controls
- BNC loop through
- 355(W) x 335(H) x 195mm(D) (With base)
- 355(W) x 227(H) x 50mm(D) (Without base)

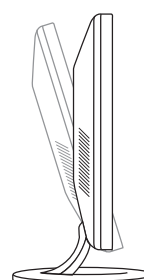
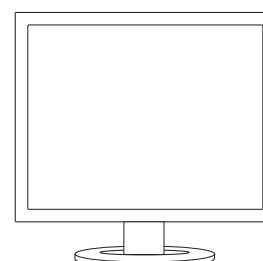
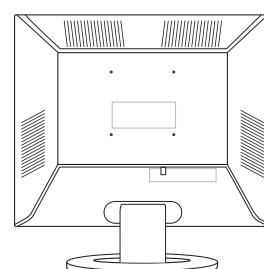
### DESCRIPTION

The VLCD15P is a high resolution 15" LCD monitor housed in a robust plastic casing. The unit boasts a contemporary, slim line design including discreet, side mounted controls.

To conserve workspace the monitor can be easily wall mounted using industry standard VESA mounting equipment.

### SPECIFICATION

Video / Graphic Processing		
LCD Panel Type	15" Diagonal	
Maximum Resolution	1024 (H) x 768 (V)	
Active Display Area	304(H) x 228 (V) mm	
Brightness	300 cd/m2 (Typical)	
Contrast Ratio	600:1 (Typical)	
Response Time	8 ms	
Viewing Angle	170° (H) + (V)	
Display Colors	16.2 millions	
Video Synchronization	TTL positive or negative	
PC compatible Frequency	30-80KHz(H) / 50-75Hz(V) Max. 1024 x 768	
Adjustable Color	9300K / 6500K / 5800K / User	
Temperature		
Video Compatibility	Multi-Standard for NTSC / PAL	
Aspect Ratio	4 : 3	
VGA Auto Frequency Correction	Y	
Audio Processing		
No. of speakers	R. x 1 L. x 1	
Sound Demodulation	Stereo audio	
Functions		
OSD	Y (Multi language)	
Volume +/- , Power ON/OFF	Y	
Input Interface	Video Interface	HDMI, VGA - D-SUB x1, Video in x2 (BNC) Video Out x1 (BNC)
	Audio Interface	Audio in x1
	Power Interface	AC in x1
	Termination	75 Ohm (Auto terminate)
Power	Power Supply	12VDC, 3amp
	Voltage	100~240 VAC / 50~60Hz
	Power consumption	< 36W
Safety & EMC Certification	CE / FCC / ROHS	
Wall Mount Hole Dimension	VESA Standard 100 x 100 mm	
Color	Black	
Chassis Dimension	355(W) x 335(H) x 195(D) mm	
Chassis Dimension (w/o Base)	355(W) x 227(H) x 50(D) mm	
Packing Dimension	410(W) x 410(H) x 142(D) mm	
NET Weight	2.8Kgs	
GROSS Weight	3.8Kgs	
Accessory	Adapter / AC-cord / D-SUB cable / Audio cable / User Manual	



# VLCD17P

## 17" LCD SCREEN

### KEY FEATURES

- **17" SCREEN**
- **HIGH RESOLUTION 1280 X 1024**
- **350CD/M2**
- **700:1**
- **MULTIPLE VIDEO INPUT TYPES**
- **HDMI INPUT**
- **STEREO AUDIO**
- **170° VIEWING ANGLE**

### OTHER FEATURES

- Voltage: 12V DC
- Discreet, side mounted controls
- BNC loop through
- 390(W) x 385(H) x 240mm(D) (With base)
- 390(W) x 317(H) x 60mm(D) (Without base)

### DESCRIPTION

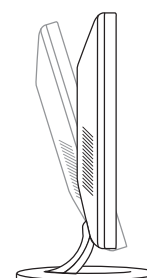
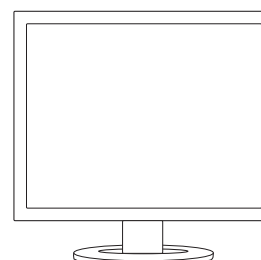
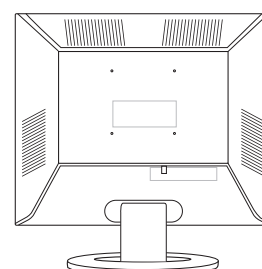
The VLCD15P is a high resolution 15" LCD monitor housed in a robust plastic casing. The unit boasts a contemporary, slim line design including discreet, side mounted controls.

To conserve workspace the monitor can be easily wall mounted using industry standard VESA mounting equipment.



### SPECIFICATION

Video / Graphic Processing		
LCD Panel Type	17" Diagonal	
Maximum Resolution	1280 (H) x 1024 (V)	
Active Display Area	337.9(H) x 270.3 (V) mm	
Brightness	350 cd/m2 (Typical)	
Contrast Ratio	700:1 (Typical)	
Response Time	8 ms	
Viewing Angle	170° (H) + (V)	
Display Colors	16.7 millions	
Video Synchronization	TTL positive or negative	
PC compatible Frequency	30-80KHz(H) / 50-75Hz(V) Max. 1280 x 1024	
Adjustable Color	9300K / 6500K / 5800K / User	
Temperature		
Video Compatibility	Multi-Standard for NTSC / PAL	
Aspect Ratio	4 : 3	
VGA Auto Frequency Correction	Y	
Audio Processing		
No. of speakers	R. x 1 L. x 1	
Sound Demodulation	Stereo audio	
Functions		
OSD	Y (Multi language)	
Volume +/- , Power ON/OFF	Y	
Input Interface	Video Interface	HDMI, VGA - D-SUB x1, Video in x2 (BNC) Video Out x1 (BNC)
	Audio Interface	Audio in x1
	Power Interface	AC in x1
	Termination	75 Ohm (Auto terminate)
Power	Power Supply	12VDC, 3amp
	Voltage	100~240 VAC / 50~60Hz
	Power consumption	< 48W
Safety & EMC Certification	CE / FCC / ROHS	
Wall Mount Hole Dimension	VESA Standard 100 x 100 mm	
Color	Black	
Chassis Dimension	390(W) x 385(H) x 240(D) mm	
Chassis Dimension (w/o Base)	390(W) x 317(H) x 60(D) mm	
Packing Dimension	450(W) x 450(H) x 250(D) mm	
NET Weight	4.8Kgs	
GROSS Weight	5.8KgS	
Accessory	Adapter / AC-cord / D-SUB cable / Audio cable / User Manual	



## 19" LED BACKLIT SCREEN

### KEY FEATURES

- **19" LED BACKLIT SCREEN**
- **HIGH RESOLUTION 1280 X 1024**
- **250CD/M2**
- **10000:1**
- **MULTIPLE VIDEO INPUT TYPES**
- **HDMI INPUT**
- **STEREO AUDIO**
- **170° VIEWING ANGLE**

### OTHER FEATURES

- Voltage: 12V DC
- Discreet, side mounted controls
- BNC loop through
- 425(W) x 415(H) x 240mm(D) (With base)
- 425(W) x 347(H) x 60mm(D) (Without base)
- Low Power Consumption

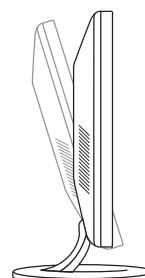
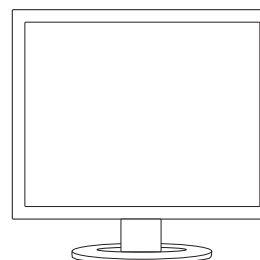
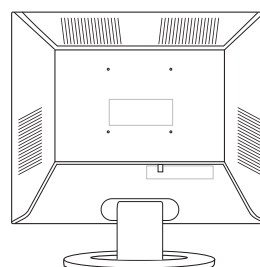
### DESCRIPTION

The VLED19P is a high resolution 19" LED backlit monitor housed in a robust plastic casing. The unit boasts a contemporary, slim line design including discreet, side mounted controls.

To conserve workspace the monitor can be easily wall mounted using industry standard VESA mounting equipment.

### SPECIFICATION

Video / Graphic Processing		
LCD Panel Type	19" Diagonal	
Maximum Resolution	1280 (H) x 1024 (V)	
Active Display Area	376.32(H) x 301.056(V) mm	
Brightness	250 cd/m2 (Typical)	
Contrast Ratio	10000:1 (Typical)	
Response Time	5 ms	
Viewing Angle	160°/170°	
Display Colors	16.3 millions	
Video Synchronization	TTL positive or negative	
PC compatible Frequency	30-80KHz(H) / 50-75Hz(V) Max. 1280 x 1024	
Adjustable Color	9300K / 6500K / 5800K / User	
Temperature		
Video Compatibility	Multi-Standard for NTSC / PAL	
Aspect Ratio	4 : 3	
VGA Auto Frequency Correction	Y	
Audio Processing		
No. of speakers	R. x 1 L. x 1	
Sound Demodulation	Stereo audio	
Functions		
OSD	Y (Multi language)	
Volume +/- , Power ON/OFF	Y	
Input Interface	Video Interface	HDMI, VGA - D-SUB x1, Video in x2 (BNC) Video Out x1 (BNC)
	Audio Interface	Audio in x1
	Power Interface	AC in x1
	Termination	75 Ohm (Auto terminate)
Power	Power Supply	12VDC, 3amp
	Voltage	100~240 VAC / 50~60Hz
	Power consumption < 48W	
Safety & EMC Certification	CE / FCC / ROHS	
Wall Mount Hole Dimension	VESA Standard 100 x 100 mm	
Color	Black	
Chassis Dimension	425(W) x 415(H) x 240(D) mm	
Chassis Dimension (w/o Base)	425(W) x 347(H) x 60(D) mm	
Packing Dimension	480(W) x 480(H) x 250(D) mm	
NET Weight	5.50Kgs	
GROSS Weight	6.5Kgs	
Accessory	Adapter / AC-cord / D-SUB cable / Audio cable / User Manual	





# VLED19MB

## 19" LED BACKLIT SCREEN

### KEY FEATURES

- **19" LED BACKLIT SCREEN**
- **METAL HOUSING WITH TEMPERED ACRYLIC PLATE**
- **1280 X 1024 RESOLUTION**
- **800 TV LINES**
- **HDMI INPUT: VIEW HIGH QUALITY IMAGES**
- **MULTIPLE VIDEO INPUT TYPES**
- **BUILT-IN 3D COMBS**
- **STEREO AUDIO**

### OTHER FEATURES

- Discreet, side-mounted controls
- BNC loop through
- Picture in Picture (PIP)
- Built-in speakers and remote control
- Mounting and Bracket Options
- Lower Power Consumption
- 403(W) x 330(H) x 47(D)mm (without desk stand and feet)

### SPECIFICATION

Size	19"
Resolution	1280 x 1024
Brightness	250CD
Contrast	10000:1
Response time	5 ms
Colours	16.7m
Viewing angle (V/H)	160/170
TV Lines	800 Lines
Composite Inputs	2x BNC, VGA, S-video, HDMI
Composite Outputs	2x BNC
3D Comb Filter	Yes
3D Noise Reduction	Yes
PIP	Yes
Aspect Ratio	4:3
Audio	2x Input
Speaker	2x 2.5W
Power Consumption	45W, 12V DC, 3Amp
Wall hanging	Vesa standard
Auto adjustment	Yes
OSD Control	Yes
Remote Control	Yes
OSD Language	English
Accessories	Power cord, adapter, stand, remote
	control, cable management, PSU, VGA
	cable, user guide, audio cable
Weight	5.9Kg
Ext Dimensions	403mm x 330mm x 47mm (WxHxD)
Ext Dimensions (With desk stand and feet )	403mm x 333mm x 70mm (WxHxD)



### DESCRIPTION

The VLED19MB is a high resolution 19" LED backlit monitor housed in a robust metal casing. The unit boasts a contemporary, slim line design including discreet, side mounted controls.

To conserve workspace the monitor can be easily wall mounted using industry standard VESA mounting equipment.

### Accessories

#### HDMI Cable



**CABHDMI1.5**  
HDMI Cable High quality 1.5 metres

**CABHDMI3.0**  
HDMI Cable High quality 3.0 metres

#### Mounting Solutions

**BT7510**  
LCD screen mounting adapter to work with BT7060 and BT880M

**BT7511**  
LCD screen wall mount with tilt, silver

**BT7513**  
LCD screen wall mount with articulated arm silver

## 22" LED BACKLIT SCREEN

### KEY FEATURES

- **21.5" LED BACKLIT SCREEN**
- **METAL HOUSING WITH TEMPERED ACRYLIC PLATE**
- **1920 X 1080 RESOLUTION**
- **800 TV LINES**
- **HDMI INPUT: VIEW HIGH QUALITY IMAGES**
- **MULTIPLE VIDEO INPUT TYPES**
- **BUILT-IN 3D COMBS**
- **STEREO AUDIO (VGA INPUT ONLY)**

### OTHER FEATURES

- BNC loop through
- Picture in Picture (PIP)
- Built-in speakers and remote control
- Mounting and Bracket Options
- 315 x 510 x 60mm

### SPECIFICATION

Size	21.5"
Resolution	1920 x 1080
Brightness	310CD
Contrast	1000:1
Response time	5ms
Colours	16.3m
Viewing angle (V/H)	160/170
TV Lines	800 Lines
Composite Inputs	2x BNC, VGA, S-video, HDMI
Composite Outputs	2x BNC
3D Comb Filter	Yes
3D Noise Reduction	Yes
PIP	Yes
Audio	2x Input
Speaker	2x 2.5W
Power Consumption	< 20W
Wall hanging	Vesa standard
Auto adjustment	Yes
OSD Control	Yes
Remote Control	Yes
OSD Language	English
Accessories	Power cord, adapter, stand, remote control, cable management, PSU, VGA cable, user guide, audio cable
Weight	6.5Kg



### DESCRIPTION

The VLED22MB is a high resolution 22" LED backlit monitor housed in a robust metal casing. The unit boasts a contemporary and slim line design.

To conserve workspace the monitor can be easily wall mounted using industry standard VESA mounting equipment.

### Accessories

#### HDMI Cable



**CABHDMI1.5**  
HDMI Cable High quality 1.5 metres

**CABHDMI3.0**  
HDMI Cable High quality 3.0 metres

#### Mounting Solutions

**BT7510**  
LCD screen mounting adapter to work with BT7060 and BT880M

**BT7511**  
LCD screen wall mount with tilt, silver

**BT7513**  
LCD screen wall mount with articulated arm silver

# Vehicle and Test Monitors



VLCD5P 5" LCD Screen

## KEY FEATURES

- 5" SCREEN
- 960 (H) x 234 (V)
- 150:1
- 300cd/m2
- PAL
- 2 way VIDEO INPUT (AV)
- Picture flip function Manual flip picture up/down, flip left/right
- Audio output 0.2W
- Power Supply DC 12V (Not Supplied)
- 163(W) x 125(H) x 30.5(D)mm
- Weight 430g
- 8W



VLCD7P 7" LCD Screen

## KEY FEATURES

- 7" SCREEN
- 1440(H) x 234(V)
- 300:1
- 300cd / m2
- PAL
- 3 Way VIDEO INPUT (AV)
- Auto Reversing Automatically switching to AV3 when vehicle reverses
- Audio Output 0.3W(Max)
- Power Supply 12V DC (8W) (Not Supplied)
- 200(W) x 133(H) x 38(D)mm inc. frame
- Net Weight 540g inc. frame
- 8W



VLCDTM56 5.6" LCD Screen

## KEY FEATURES

- 5.6" TFT
- Audio
- Supplied with cable
- C/w cable charger
- Light weight carry case

## Optional Extras

- VLCDTM56B  
LCD Spare battery and charger unit for test monitor kit



VLCDTM-M 2.5" LCD screen with multi test function

## KEY FEATURES

- 2.5" LCD Colour Screen
- Video Test
- PTZ Control
- RS485 Data Test
- UTP Cable test
- Video signal generating
- Video in and out ports
- UTP tester
- RS232 Port
- Battery Operation/DC9V Power (Charger Supplied)
- UTP Cable jack
- LED indicators

## HD-SDI Range from Videcon



## FULL 1080P HD-SDI OVER STANDARD CO-AX CABLE

**Our HD-SDI range brings you 1080p High Definition CCTV footage over standard coax cable. It includes a wide choice of cameras to suit all applications, as well as 4, 8 and 16 channel DVRs, including a hybrid option. Because it works on standard coax cable, it is very easy to install.**

The whole range is capable of capturing footage at 1080p resolution, but all can be switched down to 720p for better use of storage space. The range has been designed to give you maximum flexibility - whether you need a pure HD-SDI system, or a hybrid system combining HD-SDI with analogue, we have the equipment to suit your needs.

# CBP6324DN-HD

Concept  Pro

## HIGH DEFINITION INTERNAL DAY NIGHT 1080P

### KEY FEATURES

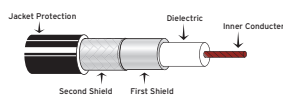
- 1/3" CMOS (2.1 MEGAPIXEL)
- HD-SDI (1080P OVER COAX)
- 1080P (MAX. 1,100 TVL)
- 1.0 LUX COLOUR
- 0.5 LUX MONO
- 0.002 LUX DSS COLOUR
- 0.001 LUX DSS MONO
- 2.8-10MM VARIFOCAL



arc **HD** 1080p

### OTHER FEATURES

- 12V DC/24V AC
- 300mA (Max)
- 148mm(ø) x 106mm(H)
- 650g
- Full 1080P or 720P Selectable
- True Colour Mono (ICR)
- On Screen Display
- Privacy Zones (32)
- Motion Detection
- Auto White Balance
- Auto Gain Control
- D-WDR
- Service Video Output (Standard analogue 4:3 Format)
- Tri-Axis Gimbal
- 2D + 3D DNR



### Important - Please Note

For HD-SDI installations, we recommend that this device is used with RG59 cable, with an inner conductor made of bare copper, with a minimum diameter of 0.7mm. Using a copper clad cable, or one with a smaller inner conductor, is very likely to reduce cable lengths or cause signal loss. Using the recommended cable should ensure that cable lengths of 100 metres can be achieved.

### DESCRIPTION

The CBP6324DN-HD is an internal day-night HD-SDI dome camera. It provides full 1080p High Definition CCTV footage over standard coaxial cable and operates down to 1.0 Lux colour and 0.5 Lux Mono.

It is easy to install thanks to a Service Video Output (for easy connection to a standard analogue test monitor) and On Screen Display, and boasts an impressive range of additional features as standard.

### SPECIFICATION

Image Sensor	1/3" CMOS (2.1 Megapixel)	Image	
Total Pixels	2010(H) x 1108(V) = 2,227,080 (pixel)	Sharpness	0 ~ 10 steps
Active Pixels	1944(H) x 1092(V) = 2,122,848 (pixel)	Mirror	Off / H / V / H&V
Lens	2.8~10mm Varifocal Lens	Freeze	Off / On
Scanning System	Progressive	E.Zoom	x1 ~ x32
Resolution	Digital : 1920x1080p(1080p/30fps) , 1280x720p(720p/60fps) Analogue : 700TVL	HLC	Off / On
Min. Illumination	Color : 1.0 lux , BW : 0.5lux Color DSS : 0.002 lux , BW DSS : 0.001 lux	ACE	Off / On
Video Output	HD-SDI (1080P over coax) Analogue SVO: PAL / NTSC (without WDR)	DEFOG	Off / On
S/N Ratio	More than 50dB (AGC off)	DNR	Off / Low / Middle / High / Auto
<b>Electrical</b>		<b>Intelligence</b>	
Power Source	DC12V±10% / AC24V±10%	Privacy	Off / On (32 points)
Power Consumption	DC: 300mA(Max) AC: 250mA (Max)	Motion	Off / On (4 points)
<b>IGENERAL</b>		<b>Special Func</b>	
Operating Temperature	-10°C ~ +50°C (Humidity : 0%RH ~ 80%RH)	Shading Det	Off / On
Storage Temperature	-20°C ~ +60°C (Humidity : 0%RH ~ 90%RH)	Shading	Off / On
Dimension	148x106 (DxH)	Defect Det	Off / On
Weight	650g	System	PAL / NTSC
<b>OSD</b>		HD Format	1080P / 720P
Menu	D&N / COLOUR / IR SMART / IR CDS	PG	Off / On
<b>Exposure</b>		CVBS	Off / On
Brightness	0 ~ 20 steps	RESET	On ( Default )
Lens	DC / Manual	Language	English
Shut Speed	Auto / Manual ( 1/30(1/25) ~ 1/60000 )	OSD Text	0 ~ 9 , A ~ Z , a ~ z
DSS	Off / x2 / x3 / x4		
AGC	Off / On		
WDR/BLC	Off / WDR / BLC		
Day&night	Auto / Day / Night / Ext		
Smart R	Off / On		
White Bal	Auto / Preset / Manual / Indoor / Outdoor		

# CBP6324DNIR-HD

Concept  Pro

HIGH DEFINITION INTERNAL INFRA RED 1080P



arc  1080p

## KEY FEATURES

- 1/3" CMOS (2.1 MEGAPIXEL)
- HD-SDI (1080P OVER COAX)
- 1080P (MAX. 1,100 TVL)
- 1.0 LUX
- 0.00 LUX (IR LED ON)
- 21 IR LEDS
- UP TO 15M RANGE
- 2.8-10MM VARIFOCAL

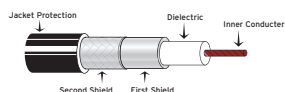
## OTHER FEATURES

- 12V DC/24V AC
- 600mA (Max)
- 148mm(ø) x 106mm(H)
- 650g
- 1080P or 720P Selectable
- True Colour Mono (ICR)
- On Screen Display
- Privacy Zones (32)
- Motion Detection
- Auto White Balance
- Auto Gain Control
- D-WDR
- Service Video Output (Standard analogue 4:3 Format)
- Tri-Axis Gimbal
- 2D + 3D DNR

## DESCRIPTION

The CBP6324DNIR-HD is an internal day-night infra-red HD-SDI dome camera. It provides full 1080p High Definition CCTV footage over standard coaxial cable and operates down to 1.0 Lux colour and 0 Lux Mono (IR LED On).

It is easy to install thanks to a Service Video Output (for easy connection to a standard analogue test monitor) and On Screen Display, and boasts an impressive range of additional features as standard.



### Important - Please Note

For HD-SDI installations, we recommend that this device is used with RG59 cable, with an inner conductor made of bare copper, with a minimum diameter of 0.7mm. Using a copper clad cable, or one with a smaller inner conductor, is very likely to reduce cable lengths or cause signal loss. Using the recommended cable should ensure that cable lengths of 100 metres can be achieved.

## SPECIFICATION

Image Sensor	1/3" CMOS (2.1 Megapixel)	Image	
Total Pixels	2010(H) x 1108(V) = 2,227,080 (pixel)	Sharpness	0 ~ 10 steps
Active Pixels	1944(H) x 1092(V) = 2,122,848 (pixel)	Mirror	Off / H / V / H&V
Lens	2.8-10mm Varifocal Lens	Freeze	Off / On
Scanning System	Progressive	E.Zoom	x1 ~ x32
Resolution	Digital : 1920x1080p(1080p/30fps) , 1280x720p(720p/60fps) Analogue : 700TVL	HLC	Off / On
Min. Illumination	0.0 Lux (IR LED ON) (21 Pieces IR LED On) Color DSS : 0.002 lux , BW DSS : 0.001 lux (IR LED off)	ACE	Off / On
IR Range	Up to 15m (49.2ft)	DEFOG	Off / On
Video Output	HD-SDI (1080P over coax) Analogue SVO: PAL / NTSC (without WDR)	DNR	Off / Low / Middle / High / Auto
S/N Ratio	More than 50dB (AGC off)	Intelligence	
Electrical		Privacy	Off / On (32 points)
Power Source	DC12V±10% / AC24V±10%	Motion	Off / On (4 points)
Power Consumption	DC: 600mA (Max) AC:250mA(Max)	Special Func	
General		Shading Det	Off / On
Operating Temperature	-10°C ~ +50°C (Humidity : 0%RH ~ 80%RH)	Shading	Off / On
Storage Temperature	-20°C ~ +60°C (Humidity : 0%RH ~ 90%RH)	Defect Det	Off / On
Dimension	148x106 (DxH)	System	PAL / NTSC
Weight	650g	HD Format	1080P / 720P
OSD		PG	Off / On
Menu	D&N / COLOUR / IR SMART / IR CDS	CVBS	Off / On
Exposure		RESET	On ( Default )
Brightness	0 ~ 20 steps	LANGUAGE	English
Lens	DC / Manual	OSD TEXT	0 ~ 9 , A ~ Z , a ~ z
Shut Speed	Auto / Manual ( 1/30(1/25) ~ 1/60000 )		
DSS	Off / x2 / x3 / x4		
AC	Off / On		
WDR/BLC	Off / WDR / BLC		
Day&Night	Auto / Day / Night / Ext		
Smart IR	Off / On		
White Bal	Auto / Preset / Manual / Indoor / Outdoor		



# CVP9324DN-HD

Concept  Pro

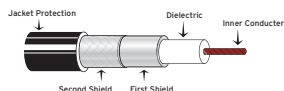
HIGH DEFINITION VANDAL RESISTANT DAY NIGHT 1080P

## KEY FEATURES

- 1/3" CMOS (2.1 MEGAPIXEL)
- HD-SDI (1080P OVER COAX)
- 1080P (MAX. 1,100 TVL)
- 1.0 LUX COLOUR
- 0.5 LUX MONO
- 0.002 LUX DSS COLOUR
- 0.001 LUX DSS MONO
- 2.8-10MM VARIFOCAL

## OTHER FEATURES

- 12V DC/24V AC
- 300mA (Max)
- 148.35mm(ø) x 105mm(H)
- 950g
- Full 1080P or 720P Selectable
- True Colour Mono (ICR)
- On Screen Display
- Privacy Zones (32)
- Motion Detection
- Auto White Balance
- Auto Gain Control
- D-WDR
- Service Video Output (Standard analogue 4:3 Format)
- Tri-Axis Gimbal
- 2D + 3D DNR



### Important - Please Note

For HD-SDI installations, we recommend that this device is used with RG59 cable, with an inner conductor made of bare copper, with a minimum diameter of 0.7mm. Using a copper clad cable, or one with a smaller inner conductor, is very likely to reduce cable lengths or cause signal loss. Using the recommended cable should ensure that cable lengths of 100 metres can be achieved.

## SPECIFICATION

Image Sensor	1/3" CMOS (2.1 Megapixel)	Image	
Total Pixels	2010(H) x 1108(V) = 2,227,080 (pixel)	Sharpness	0 ~ 10 steps
Active Pixels	1944(H) x 1092(V) = 2,122,848 (pixel)	Mirror	Off / H / V / H&V
	2.8~10mm Varifocal Lens	Freeze	Off / On
Scanning System	Progressive	E.Zoom	x1 ~ x32
	Digital : 1920x1080p(1080p/30fps) , 1280x720p(720p/60fps)	HLC	Off / On
Resolution	Analogue : 700TVL	ACE	Off / On
Min. Illumination	Color : 1.0 lux , BW : 0.5lux	DEFOG	Off / On
	Color DSS : 0.002 lux , BW DSS : 0.001 lux	DNR	Off / Low / Middle / High / Auto
Video Output	HD-SDI (1080P over coax)	Intelligence	
	Analogue SVO: PAL / NTSC (without WDR)	Privacy	Off / On (32 points)
S/N Ratio	More than 50dB (AGC off)	Motion	Off / On (4 points)
Electrical		Special Func	
Power Source	DC12V±10% / AC24V±10%	Shading Det	Off / On
Power Consumption	DC: 300mA(Max) AC: 250mA (Max)	Shading	Off / On
General		Defect Det	Off / On
Operating Temperature	-10°C ~ +50°C (Humidity : 0%RH ~ 80%RH)	System	PAL / NTSC
Storage Temperature	-20°C ~ +60°C (Humidity : 0%RH ~ 90%RH)	HD Format	1080P / 720P
Dimension	148.36x105 (DxH)	PG	Off / On
Weight	950g	CVBS	Off / On
OSD		Reset	On ( Default )
Menu	D&N / COLOUR / IR SMART / IR CDS	Language	English
Exposure		OSD Text	0 ~ 9 , A ~ Z , a ~ z
Brightness	0 ~ 20 steps		
Lens	DC / Manual		
Shut Speed	Auto / Manual ( 1/30(1/25) ~ 1/60000 )		
DSS	Off / x2 / x3 / x4		
AGC	Off / On		
WDR/BLC	Off / WDR / BLC		
Day&Night	Auto / Day / Night / Ext		
Smart IR	Off / On		
White Bal	Auto / Preset / Manual / Indoor / Outdoor		



arc HD 1080p

## DESCRIPTION

The CVP9324DN-HD is an external day-night HD-SDI dome camera. It provides full 1080p High Definition CCTV footage over standard coaxial cable and operates down to 1.0 Lux colour and 0.5 Lux Mono.

It is vandal resistant, and is easy to install thanks to a Service Video Output (for easy connection to a standard analogue test monitor) and On Screen Display, and boasts an impressive range of additional features as standard.

## ACCESSORIES

### CVP-BRK

- Vandal Resistant Dome Bracket
- One bracket fits all external CVP domes



# CVP9324DNIR-HD

Concept  Pro

HIGH DEFINITION VANDAL RESISTANT INFRA RED 1080P

## KEY FEATURES

- 1/3" CMOS (2.1 MEGAPIXEL)
- HD-SDI (1080P OVER COAX)
- 1080P (MAX. 1,100 TVL)
- 1.0 LUX COLOUR
- 0.00 LUX (IR LED ON) MONO
- 0.002 LUX
- 0.001 LUX
- 21 IR LEDS
- UP TO 15M RANGE
- 2.8-10MM VARIFOCA

## OTHER FEATURES

- 12V DC/24V AC
- 600mA (Max)
- 148.35mm(Ø) x 105mm(H)
- 950g
- Full 1080P or 720P Selectable
- True Colour Mono (ICR)
- On Screen Display
- Privacy Zones (32)
- Motion Detection
- Auto White Balance
- Auto Gain Control
- D-WDR
- Service Video Output (Standard analogue 4:3 Format)
- Tri-Axis Gimbal
- 2D + 3D DNR

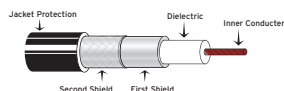


arc **HD** 1080p

## DESCRIPTION

The CVP9324DNIR-HD is an external day-night infra-red HD-SDI dome camera. It provides full 1080p High Definition CCTV footage over standard coaxial cable and operates down to 1.0 Lux colour and 0 Lux Mono (IR LED On).

It is vandal resistant, and is easy to install thanks to a Service Video Output (for easy connection to a standard analogue test monitor) and On Screen Display, and boasts an impressive range of additional features as standard.



### Important - Please Note

For HD-SDI installations, we recommend that this device is used with RG59 cable, with an inner conductor made of bare copper, with a minimum diameter of 0.7mm. Using a copper clad cable, or one with a smaller inner conductor, is very likely to reduce cable lengths or cause signal loss. Using the recommended cable should ensure that cable lengths of 100 metres can be achieved.

## SPECIFICATION

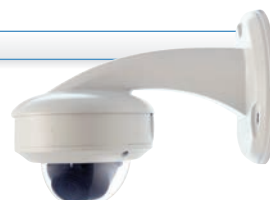
Image Sensor	1/3" CMOS (2.1 Megapixel)
Total Pixels	2010(H) x 1108(V) = 2,227,080 (pixel)
Active Pixels	1944(H) x 1092(V) = 2,122,848 (pixel)
Lens	2.8-10mm Varifocal Lens
Scanning System	Progressive
Resolution	Digital : 1920x1080p(1080p/30fps) , 1280x720p(720p/60fps) Analogue : 700TVL
Min. Illumination	0.0 Lux (IR LED ON) (21 Pieces IR LED On) Color DSS : 0.002 lux , BW DSS : 0.001 lux (IR LED Off)
IR Range	Up to 15m (49.2ft)
Video Output	HD-SDI (1080P over coax) Analogue SVO: PAL / NTSC (without WDR)
S/NRatio	More than 50dB (AGC off)
<b>Electrical</b>	
Power Source	DC12V±10% / AC24V±10%
Power Consumption	DC: 600mA (Max) AC:250mA(Max)
<b>General</b>	
Operating Temperature	-10°C ~ +50°C (Humidity : 0%RH ~ 80%RH)
Storage Temperature	-20°C ~ +60°C (Humidity : 0%RH ~ 90%RH)
Dimension	148.35x105 (DxH)
Weight	950g
<b>OSD</b>	
Menu	D&N / COLOUR / IR SMART / IR CDS
<b>Exposure</b>	
Brightness	0 ~ 20 steps
Lens	DC / Manual
Shut Speed	Auto / Manual ( 1/30(1/25) ~ 1/60000 )
DSS	Off / x2 / x3 / x4
AC	Off / On
WDR/BLC	Off / WDR / BLC
Day&Night	Auto / Day / Night / Ext
Smart IR	Off / On
White Bal	Auto / Preset / Manual / Indoor / Outdoor

<b>Image</b>	
Sharpness	0 ~ 10 steps
Mirror	Off / H / V / H&V
Freeze	Off / On
E.Zoom	x1 ~ x32
HLC	Off / On
ACE	Off / On
DEFOG	Off / On
DNR	Off / Low / Middle / High / Auto
<b>Intelligence</b>	
Privacy	Off / On (32 points)
Motion	Off / On (4 points)
<b>Special Func</b>	
Shading Det	Off / On
Shading	Off / On
Defect Det	Off / On
System	PAL / NTSC
HD Format	1080P / 720P
PG	Off / On
CVBS	Off / On
RESET	On ( Default )
LANGUAGE	English
OSD TEXT	0 ~ 9 , A ~ Z , a ~ z

## ACCESSORIES

### CVP-BRK

- **Vandal Resistant Dome Bracket**  
One bracket fits all external CVP domes



# AIR3026-HD

Concept  Pro

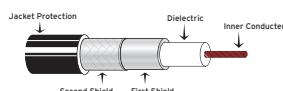
## WEATHERPROOF COLOUR/MONO IR CAMERA RANGE

### KEY FEATURES

- 1/3" CMOS (2.1 MEGAPIXEL)
- HD-SDI (1080P OVER COAX)
- 1080P (MAX 1,100TVL)
- 1.0 LUX
- 0.00 LUX (IR LED ON)
- 0.002 LUX (DSS MAX COLOUR)
- 0.001 LUX (DSS MAX MONO)
- 27 IR LEDS
- 20M IR RANGE
- TRUE DAY NIGHT
- 2.8-10MM VARIFOCAL AUTO IRIS

### OTHER FEATURES

- Full 1080P or 720P Selectable
- Cable Managed Bracket
- External Lens / Zoom Adjustments
- Power Indicator LED
- On Screen Display (OSD)
- Service Video Output
- (Standard Analogue 4:3 Format)
- Auto White Balance
- Auto Gain Control
- Internal / External
- IP66 Rated
- Weatherproof
- D-WDR
- 2D + 3D DNR
- Privacy (32)
- SVO/OSD Remote Control Supplied



### Important - Please Note

For HD-SDI installations, we recommend that this device is used with RG59 cable, with an inner conductor made of bare copper, with a minimum diameter of 0.7mm. Using a copper clad cable, or one with a smaller inner conductor, is very likely to reduce cable lengths or cause signal loss. Using the recommended cable should ensure that cable lengths of 100 metres can be achieved.



# 1080p

### DESCRIPTION

The AIR3026-HD is an external HD-SDI camera with 27 Infra Red LEDs and a weatherproof housing. It provides full 1080p High Definition CCTV footage over standard coaxial cable and operates down to 1.0 Lux colour and 0 Lux Mono with the IR LEDs on.

It has been designed to be installer friendly, and give smooth, even illumination in all conditions. Installation is simple thanks to a Service Video Output (allowing connection to a standard analogue test monitor), external lens adjustment screws and an on-screen display.

### SPECIFICATION

Image Sensor	1/3" CMOS	WDR/BLC	Off / WDR / BLC
Total Pixels	2010(H) x 1108(V) = 2,227,080 (pixel)	Day&Night	Auto / Day / Night / Ext
Active Pixels	1944(H) x 1092(V) = 2,122,848 (pixel)	Smart IR	Off / On
Lens	2.8-10mm Varifocal	White Bal	Auto / Preset / Manual / Indoor / Outdoor
Scanning System	Progressive	Image	
Resolution	Digital : 1920x1080p(1080p/30fps) , 1280x720p(720p/60fps) Analogue : 700TVL	Sharpness	0 ~ 10 steps
Min. Illumination	0.0 Lux (IR LED On) (27 Pieces IR LED)	Mirror	Off / H / V / H&V
	Color DSS : 0.002 lux , BW DSS : 0.001 lux	Freeze	Off / On
IR Distance	15~20m (49.2~65.6ft)	E.Zoom	x1 ~ x32
Video Output	HD-SDI	HLC	Off / On
	Analog : NTSC, PAL(without WDR)	ACE	Off / On
S/N Ratio	more than 50dB (AGC off)	DEFOG	Off / On
Electrical		DNR	Off / Low / Middle / High / Auto
Power Source	DC12V±10%	INTELLIGENCE	
Power Consumption	DC: 380mA (Max)	Privacy	Off / On (32 points)
General		Motion	Off / On (4 points)
Operating Temperature	-10°C ~ +50°C (Humidity : 0%RH ~ 80%RH)	Special Func	
Storage Temperature	-20°C ~ +60°C (Humidity : 0%RH ~ 90%RH)	SHADING DET	Off / On
Dimension	202 x 85 x 118mm(7.95" x 3.35" x 4.65")	SHADING	Off / On
Weight	1300g (45.86oz)	DEFECT DET	Off / On
		SYSTEM	NTSC / PAL
OSD		HD FORMAT	1080P / 720P
Menu	D&N / COLOUR / IR SMART / IR CDS	PG	Off / On
Exposure		CVBS	Off / On
Brightness	0 ~ 20 steps	COMM	ID (1 ~ 255)
Lens	DC / Manual		BAUDRATE ( 2400 / 4800 / 9600 / 19200 / 38400 / 57600/115200 )
Shut Speed	Auto / Manual ( 1/30(1/25) ~ 1/60000 )		PROTOCOL (PELCO-P / PELCO-D / UPDATE)
DSS	Off / x2 / x3 / x4	RESET	On ( Default )
		LANGUAGE	English
		OSD TEXT	0 ~ 9 , A ~ Z , a ~ z

# AIR4526-HD

Concept  Pro

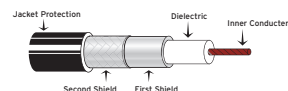
## HIGH DEFINITION WEATHERPROOF COLOUR/MONO IR CAMERA 1080P

### KEY FEATURES

- 1/3" CMOS (2.1 MEGAPIXEL)
- HD-SDI (1080P OVER COAX)
- 1080P (MAX 1,100TVL)
- 1.0 LUX
- 0.00 LUX (IR LED ON)
- 0.002 LUX (DSS MAX COLOUR)
- 0.001 LUX (DSS MAX MONO)
- 60 IR LEDS
- 45-50M IR RANGE
- TRUE DAY NIGHT
- 2.8-10MM VARIFOCAL AUTO IRIS

### OTHER FEATURES

- 12V DC / 24V AC
- DC 800mA, AC 600mA
- 319 X 219 X 100mm
- 2.5kg
- 850nm
- Full 1080P or 720P Selectable
- Cable Managed Bracket
- External Lens / Zoom Adjustments
- Power Indicator LED
- On Screen Display (OSD)
- Service Video Output (Standard Analogue 4:3 Format)
- Auto White Balance
- Auto Gain Control
- Internal / External
- IP66 Rated
- Weatherproof
- D-WDR
- 2D + 3D DNR
- Privacy (32)
- SVO/OSD Remote Control Supplied



### Important - Please Note

For HD-SDI installations, we recommend that this device is used with RG59 cable, with an inner conductor made of bare copper, with a minimum diameter of 0.7mm. Using a copper clad cable, or one with a smaller inner conductor, is very likely to reduce cable lengths or cause signal loss. Using the recommended cable should ensure that cable lengths of 100 metres can be achieved.

### SPECIFICATION

Image Sensor	1/3" CMOS (2.1 Megapixel)
Total Pixels	2010(H) x 1108(V) = 2,227,080 (pixel)
Active Pixels	1944(H) x 1092(V) = 2,122,848 (pixel)
Lens	2.8-10mm Varifocal
Scanning System	Progressive
Resolution	Digital : 1920x1080p(1080p/30fps) , 1280x720p(720p/60fps) Analogue : 700TVL
Min. Illumination	0.0 Lux (IR LED On) (60 Pieces IR LED)
	Color DSS : 0.002 lux , BW DSS : 0.001 lux
IR Distance	45-50m (147.5-163.9ft)
Video Output	HD-SDI (1080P over coax) Analogue SVO: PAL, NTSC (without WDR)
S/N Ratio	More than 50dB (AGC off)
<b>Electrical</b>	
Power Source	DC12V±10% / AC24V±10%
Power Consumption	DC: 800mA (Max) AC: 600mA (Max)
<b>General</b>	
Operating Temperature	-10°C ~ +50°C (Humidity : 0%RH ~ 80%RH)
Storage Temperature	-20°C ~ +60°C (Humidity : 0%RH ~ 90%RH)
Dimension	319mm X 219mm X 100mm
Weight	2.5Kg
<b>OSD</b>	
Menu	D&N / COLOUR / IR SMART / IR CDS
<b>Exposure</b>	
Brightness	0 ~ 20 steps
Lens	DC / Manual
Shut Speed	Auto / Manual ( 1/30(1/25) ~ 1/60000 )
DSS	Off / x2 / x3 / x4
AGC	Off / On
WDR/BLC	Off / WDR / BLC
Day&Night	Auto / Day / Night / Ext
Smart IR	Off / On
White Bal	Auto / Preset / Manual / Indoor / Outdoor

### DESCRIPTION

The AIR4526-HD is an external HD-SDI camera with 60 Infra Red LEDs and a weatherproof housing. It provides full 1080p High Definition CCTV footage over standard coaxial cable and operates down to 1.0 Lux colour and 0 Lux Mono with the IR LEDs on.

It has been designed to be installer friendly, and give smooth, even illumination in all conditions. Installation is simple thanks to a Service Video Output (allowing connection to a standard analogue test monitor), external lens adjustment screws and an on-screen display.

<b>Image</b>	
Sharpness	0 ~ 10 steps
Mirror	Off / H / V / H&V
Freeze	Off / On
E.Zoom	x1 ~ x32
Hlc	Off / On
ACE	Off / On
DEFOG	Off / On
DNR	Off / Low / Middle / High / Auto
<b>Intelligence</b>	
Privacy	Off / On (32 points)
Motion	Off / On (4 points)
<b>Special Func</b>	
Shading Det	Off / On
Shading	Off / On
Defect Det	Off / On
System	PAL / NTSC
HD Format	1080P / 720P
PG	Off / On
CVBS	Off / On
Reset	On ( Default )
Language	English
OSD Text	0 ~ 9 , A ~ Z , a ~ z

### ACCESSORIES

#### AIR-IR

Extend the IR range up to 80m with AIR-IR.



# VHSD-HD1020EXT

Concept  Pro

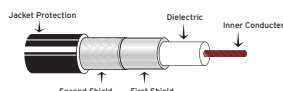
## HIGH DEFINITION HIGH SPEED DOME 1080P

### KEY FEATURES

- 1/3" CMOS (2 MEGAPIXEL)
- HD-SDI (1080P OVER COAX)
- 1080P
- 20X OPTICAL ZOOM
- 0.5 LUX COLOUR
- 0.095 LUX MONO
- 4.7 - 94MM LENS
- MAX 360 DEGREE/SEC P & T SPEED

### OTHER FEATURES

- 10x Digital Zoom
- 24V AC
- IP66
- 6kg
- True Day Night (ICR)
- Auto Gain Control
- 255 Presets
- RS-485 controlled
- 4 Pattern Tours
- Back Light Compensation
- 8 Variable Speed Tracking
- On Screen Display
- 8 Alarm Inputs
- 4 Alarm Relay Outputs
- Privacy Zones
- Auto White Balance
- Wall bracket included
- Flickerless
- Wide Dynamic Range (WDR)



### Important - Please Note

For HD-SDI installations, we recommend that this device is used with RG59 cable, with an inner conductor made of bare copper, with a minimum diameter of 0.7mm. Using a copper clad cable, or one with a smaller inner conductor, is very likely to reduce cable lengths or cause signal loss. Using the recommended cable should ensure that cable lengths of 100 metres can be achieved.



### DESCRIPTION

The VHSD-HD1020EXT is HD-SDI High Speed dome camera. It provides full 1080p High Definition CCTV footage over standard coaxial cable and operates down to 0.5 Lux colour and 0.095 Lux Mono. It offers 20x Digital Zoom and 10x Optical Zoom

### SPECIFICATION

CAMERA		GENERAL	
Image Device	1/3" 2Megapixel CMOS	Sensor In/Out	Built-in 8 Input/ 4 Output
S/N Ratio	50dB (AGC Off)	Video Out	HD-SDI, SMPTE-292M
	X20 Optical Zoom		(1280X720p/59.94Hz, 1280X720p/50Hz)
Zoom	X10 Digital Zoom		1920X1080i/59.94Hz, 1920X1080i/50Hz)
Focal Length	f = 4.7 ~ 94.0 mm, , F1.6 ~ F3.5	Communication	RS-485
Horizontal angle	55.4°(W) ~ 2.9 °(T)	RS-485 Protocol	Auto(Pelco-D, Pelco-P, Samsung-E can be supported automatically)
MIN. Illuminance	Color: 1.7 lux @ F1.6, 50IRE - High Sensitive Mode : 0.5 Lux @ F1.6 50 IRE	OSD	ON / OFF
	B/W: 0.3 lux @ F1.6, 50IRE - High Sensitive Mode : 0.095 Lux @ F1.6 50 IRE	Power	AC 24V
Shutter Speed	1/2 ~ 1/10,000 sec (22Steps)	Approvals	FCC, CE, IP66, ROHS
Day & Night	Auto / Day / Night (ICR)	Housing	IP 66 / Vandal Proof Structure (Housing & Accessories : AL Die-cast), (Bubble Dome: PC)
Focus	Auto / Manual	Material	Body: Aluminum Die-casting, Clear Bubble: Polycarbonate
Exposure Mode	Full Auto/ Shutter / Iris / Bright / Manual	Dimension	Net (Ø×H): Ø259 x 265.7(H) mm
White Balance	Auto WB / Indoor / Outdoor / One-push Mode WB / Manual WB	Weight	Net: 6 Kg, Package: 11 Kg
AGC	Auto / Manual (-3dB ~ 28dB, 8Step)	Operating Temp.	-40°C ~ 50°C
WDR	Auto / Off		

PAN & TILT	
Range	Pan : 360°(Endless) , Tilt : 180°
Pan/Tilt Speed	Preset : 360°/ sec
	Manual : 0.05°~ 360°/ sec (Zoom Proportional)
	Scan : 1°~ 180°/ sec
Preset	255 Presets with Labels / Independent Camera Setup
Pattern	4 Patterns (Approx. 5 Minutes for Each Pattern)
Scan	8 Scans
Group	8 Groups (MAX. 20 Entries for Each Group)
Other Functions	Power-up Action & etc.

### Accessories

#### VA-VHDRKBD

Remote Control Keyboard for the VHSD-HD1020EXT



# VHDR7M-4

## HIGH DEFINITION DIGITAL RECORDER

### KEY FEATURES

- 4CH HD-SDI
- UP TO 30FPS RECORDING @ 1080P/60FPS @ 720P
- HDMI (1080P) / VGA OUTPUTS
- REAL TIME LIVE DISPLAY
- DUAL STREAMING
- CMS FOR BOTH PC & MAC
- MOBILE VIEWING – IPHONE, ANDROID, BLACKBERRY
- USER FRIENDLY GUI
- 2 AUDIO INPUTS / 1 AUDIO OUT
- ADJUSTABLE RECORDING
- RS485
- ALARM IN & OUT
- POS
- DC 12V, 5A
- 3TB HDD

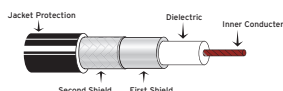


### DESCRIPTION

The VHDR7M-4 is a 4-channel HD-SDI DVR. It can record high definition 1080p footage at 7 frames per second on all 4 channels. It is designed for smaller installations where high definition footage is required. It can also be linked to other VHDR DVRs using CMS software, to form part of a larger installation. It allows for full 1080p high definition footage to be recorded over standard coaxial cable, without the need for new cable on many existing installations.

### ACCESSORIES

- VHD-REPEATER Single Channel HD-SDI Repeater
- VHD-DISTRIBUTOR Single Channel HD-SDI Distributor



### Important - Please Note

For HD-SDI installations, we recommend that this device is used with RG59 cable, with an inner conductor made of bare copper, with a minimum diameter of 0.7mm. Using a copper clad cable, or one with a smaller inner conductor, is very likely to reduce cable lengths or cause signal loss. Using the recommended cable should ensure that cable lengths of 100 metres can be achieved.

### SPECIFICATION

Compression	H.264 (Main Profile)	Motion Detection	Yes (22 x 15)
Signal Format	HD-SDI (1080p, 1080i or 720p, Auto Detection)	Playback Speed	x1, x2, x4, x8, x16, x32, x64, Extreme
Video Input	4 HD-SDI Inputs (1080p, 1080i or 720p)	Archive File Format	EXE (Video Clip) / JPEG (Still Image)
Video Output	N/A	User Interface GUI	Yes
VGA / HDMI Output	1 VGA / 1 HDMI (Max. 1920 x 1080p, Various Resolution)	Auto DST / NTP Server /	Yes
Loop Output	N/A	GMT Time Zone	
Spot Output	N/A	Multi Language	English / Danish / Chinese (Traditional) / Japanese / Korean /
Max. Recording Rate at 1080p (FPS)	30		Italian / Polish / Russian / Chinese (Simplified) / Thai / Turkish /
Dual Stream	Selectable		Spanish / French
Audio Compression	ADPCM (16 Bit)		/ Czech / German / Persian / Portuguese / Croatian
Audio Input	2 Inputs (RCA)	3G Communication	iPad / iPhone / Android / Blackberry
Audio Output	1 Output (RCA)	Operating System	Embedded Linux
Ethernet	1Gbps Ethernet (RJ-45)	OS Firmware	Linux OS in Flash Memory
PTZ Control	RS-485/422 Terminal Block	Emergency Recording Key	Yes
POS	4	Primary Storage	1 SATA HDD
Alarm Input / Output	2 / 1 (TTL) Programmable as NC/NO	Clip Copy Storage	Memory Stick
USB Port	3 Ports (1 x Front Panel, 2 x Rear Panel)	Dimension(WxHxD)	290 mm x 50 mm x 274 mm /
Control Device	Keypad, Mouse, Keyboard Controller, Remote Controller		11.74 inch x 1.97 inch x 10.79 inch
Recording Quality	Super / High / Standard	Operating Temperature & Humidity	5°C~40°C / 41°F~104°F, 0% ~ 90%
Recording Mode	Schedule / Alarm / Motion / Emergency	Power Adapter &	Free Voltage 12VDC, 5A / Max. 21W
Pre-Alarm Recording	Up to 3 Hours / User Programmable	Consumption	

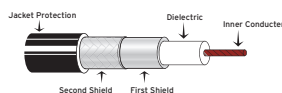


# VHDR7-4

## HIGH DEFINITION DIGITAL RECORDER

### KEY FEATURES

- 4CH HD-SDI
- UP TO 30FPS RECORDING @ 1080P/60FPS @ 720P
- HDMI (1080P) / VGA OUTPUTS
- REAL TIME LIVE DISPLAY
- DUAL STREAMING
- CMS FOR BOTH PC & MAC
- MOBILE VIEWING – IPHONE, ANDROID, BLACKBERRY
- USER FRIENDLY GUI
- 4 AUDIO INPUTS / 1 AUDIO OUT
- ADJUSTABLE RECORDING
- BUILT-IN DVD-RW
- RS485
- ALARM IN & OUT
- POS
- DC 12V, 6.67A
- 3TB, 6TB, 9TB HDD OPTIONS



### Important - Please Note

For HD-SDI installations, we recommend that this device is used with RG59 cable, with an inner conductor made of bare copper, with a minimum diameter of 0.7mm. Using a copper clad cable, or one with a smaller inner conductor, is very likely to reduce cable lengths or cause signal loss. Using the recommended cable should ensure that cable lengths of 100 metres can be achieved.



# HD

### DESCRIPTION

The VHDR7-4 is a 4-channel HD-SDI DVR. It can record high definition 1080p footage at 7 frames per second on all 4 channels and also includes a DVD-RW drive for back-up. It is designed for smaller installations where high definition footage is required. It can also be linked to other VHDR DVRs using CMS software, to form part of a larger installation. It allows for full 1080p high definition footage to be recorded over standard coaxial cable, without the need for new cable on many existing installations.

### ACCESSORIES

- VHD-REPEATER Single Channel HD-SDI Repeater
- VHD-DISTRIBUTOR Single Channel HD-SDI Distributor

### SPECIFICATION

Compression	H.264 (Main Profile)	Motion Detection	Yes (22 x 15)
Signal Format	HD-SDI (1080p, 1080i or 720p, Auto Detection)	Playback Speed	x1, x2, x4, x8, x16, x32, x64, Extreme
Video Input	4 HD-SDI Inputs (1080p, 1080i or 720p)	Archive File Format	EXE (Video Clip) / JPEG (Still Image)
Video Output	N/A	User Interface GUI	Yes
VGA / HDMI Output	1 VGA / 1 HDMI (Max. 1920 x 1080p, Various Resolution)	Auto DST / NTP Server /	Yes
Loop Output	N/A	GMT Time Zone	
Spot Output	N/A	Multi Language	"English / Danish / Chinese (Traditional) / Japanese / Korean / Italian/ Polish / Russian / Chinese (Simplified) / Thai / Turkish / Spanish / French / Czech / German / Persian / Portuguese / Croatian"
Max. Recording Rate at 1080p (FPS)	30	3G Communication	iPad / iPhone / Android / Blackberry
Dual Stream	Selectable	Operating System	Embedded Linux
Audio Compression	ADPCM (16 Bit)	OS Firmware	Linux OS in Flash Memory
Audio Input	4 Inputs (RCA)	Emergency Recording Key	Yes
Audio Output	1 Output (RCA)	Primary Storage	SATA HDD (Up to 3+1)
Ethernet	1Gbps Ethernet (RJ-45)	Clip Copy Storage	Built-in Internal DVD-RW, Memory Stick
PTZ Control	RS-485/422 Terminal Block	Dimension(WxHxD)	430 mm x 88 mm x 380 mm / 16.93 inch x 3.46 inch x 14.96 inch
POS	4	Operating Temperature & Humidity	5°C~40°C / 41°F~104°F, 0% ~ 90%
Alarm Input / Output	4 / 4 (TTL) Programmable as NC/NO	Power Adapter & Consumption	Free Voltage 12VDC, 6.67A / Max. 50W
USB Port	4 Ports (2 x Front Panel, 2 x Rear Panel)		
Control Device	Keypad, Mouse, Keyboard Controller, Remote Controller		
Recording Quality	Super / High / Standard		
Recording Mode	Schedule / Alarm / Motion / Emergency		
Pre-Alarm Recording	Up to 3 Hours / User Programmable		

# VHDR15-4

## HIGH DEFINITION DIGITAL RECORDER



# HD

### KEY FEATURES

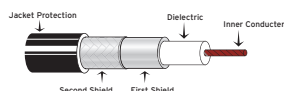
- 4CH HD-SDI
- UP TO 60FPS RECORDING @ 1080P/120FPS @ 720P
- HDMI (1080P) / VGA OUTPUTS
- REAL TIME LIVE DISPLAY
- DUAL STREAMING
- CMS FOR BOTH PC & MAC
- MOBILE VIEWING – IPHONE, ANDROID, BLACKBERRY
- USER FRIENDLY GUI
- 4 AUDIO INPUTS / 1 AUDIO OUT
- ADJUSTABLE RECORDING
- BUILT-IN DVD-RW
- RS485
- ALARM IN & OUT
- POS
- DC 12V, 6.67A
- 3TB, 6TB, 9TB HDD OPTIONS

### DESCRIPTION

The VHDR15-4 is a 4-channel HD-SDI DVR. It can record high definition 1080p footage at 15 frames per second on all 4 channels and also includes a DVD-RW drive for back-up. It is designed for smaller installations where high definition footage is required. It can also be linked to other VHDR DVRs using CMS software, to form part of a larger installation. It allows for full 1080p high definition footage to be recorded over standard coaxial cable, without the need for new cable on many existing installations.

### ACCESSORIES

- VHD-REPEATER Single Channel HD-SDI Repeater
- VHD-DISTRIBUTOR Single Channel HD-SDI Distributor



### Important - Please Note

For HD-SDI installations, we recommend that this device is used with RG59 cable, with an inner conductor made of bare copper, with a minimum diameter of 0.7mm. Using a copper clad cable, or one with a smaller inner conductor, is very likely to reduce cable lengths or cause signal loss. Using the recommended cable should ensure that cable lengths of 100 metres can be achieved.

### SPECIFICATION

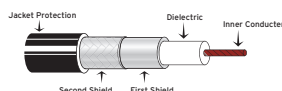
Compression	H.264 (Main Profile)	Motion Detection	Yes (22 x 15)
Signal Format	HD-SDI (1080p, 1080i or 720p, Auto Detection)	Playback Speed	x1, x2, x4, x8, x16, x32, x64, Extreme
Video Input	4 HD-SDI Inputs (1080p, 1080i or 720p)	Archive File Format	EXE (Video Clip) / JPEG (Still Image)
Video Output	N/A	User Interface GUI	Yes
VGA / HDMI Output	1 VGA / 1 HDMI (Max. 1920 x 1080p, Various Resolution)	Auto DST / NTP Server /	Yes
Loop Output	N/A	GMT Time Zone	
Spot Output	N/A	Multi Language	"English / Danish / Chinese (Traditional) / Japanese / Korean / Italian / Polish / Russian / Chinese (Simplified) / Thai / Turkish / Spanish / French / Czech / German / Persian / Portuguese / Croatian"
Max. Recording Rate at 1080p (FPS)	60	3G Communication	iPad / iPhone / Android / Blackberry
Dual Stream	Selectable	Operating System	Embedded Linux
Audio Compression	ADPCM (16 Bit)	OS Firmware	Linux OS in Flash Memory
Audio Input	4 Inputs (RCA)	Emergency Recording Key	Yes
Audio Output	1 Output (RCA)	Primary Storage	SATA HDD (Up to 3+1)
Ethernet	1Gbps Ethernet (RJ-45)	Clip Copy Storage	Built-in Internal DVD-RW, Memory Stick
PTZ Control	RS-485/422 Terminal Block	Dimension(WxHxD)	430mm x 88mm x 380mm / 16.93inch x 3.46inch x 16.93inch
POS	4	Operating Temperature &	5°C~40°C / 41°F~104°F, 0% ~ 90%
Alarm Input / Output	4 / 4 (TTL) Programmable as NC/NO	Humidity	
USB Port	4 Ports (2 x Front Panel, 2 x Rear Panel)	Power Adapter &	Free Voltage 12VDC, 6.67A / Max.50W
Control Device	Keypad, Mouse, Keyboard Controller, Remote Controller	Consumption	
Recording Quality	Super / High / Standard		
Recording Mode	Schedule / Alarm / Motion / Emergency		
Pre-Alarm Recording	Up to 3 Hours / User Programmable		

# VHDR7-8

## HIGH DEFINITION DIGITAL RECORDER

### KEY FEATURES

- 8CH HD-SDI
- UP TO 60FPS RECORDING @ 1080P/120FPS @ 720P
- HDMI (1080P) / VGA OUTPUTS
- REAL TIME LIVE DISPLAY
- DUAL STREAMING
- CMS FOR BOTH PC & MAC
- MOBILE VIEWING – IPHONE, ANDROID, BLACKBERRY
- USER FRIENDLY GUI
- 8 AUDIO INPUTS / 1 AUDIO OUT
- ADJUSTABLE RECORDING
- BUILT-IN DVD-RW
- RS485
- ALARM IN & OUT
- POS
- VOLTAGE INPUT 110V - 240V AC
- 3TB, 6TB, 9TB, 12TB HDD OPTIONS



### Important - Please Note

For HD-SDI installations, we recommend that this device is used with RG59 cable, with an inner conductor made of bare copper, with a minimum diameter of 0.7mm. Using a copper clad cable, or one with a smaller inner conductor, is very likely to reduce cable lengths or cause signal loss. Using the recommended cable should ensure that cable lengths of 100 metres can be achieved.



### DESCRIPTION

The VHDR7-8 is a 8-channel HD-SDI DVR. It can record high definition 1080p footage at 7 frames per second on all 8 channels and also includes a DVD-RW drive for back-up. It is designed for installations where high definition footage is required. It can also be linked to other VHDR DVRs using CMS software, to form part of a larger installation. It allows for full 1080p high definition footage to be recorded over standard coaxial cable, without the need for new cable on many existing installations.

### ACCESSORIES

- VHD-REPEATER Single Channel HD-SDI Repeater
- VHD-DISTRIBUTOR Single Channel HD-SDI Distributor

### SPECIFICATION

Compression	H.264 (Main Profile)	Motion Detection	Yes (22 x 15)
Signal Format	HD-SDI (1080p, 1080i or 720p, Auto Detection)	Playback Speed	x1, x2, x4, x8, x16, x32, x64, Extreme
Video Input	8 HD-SDI Inputs (1080p, 1080i or 720p)	Archive File Format	EXE (Video Clip) / JPEG (Still Image)
Video Output	N/A	User Interface GUI	Yes
VGA / HDMI Output	1 VGA / 1 HDMI (Max. 1920 x 1080p, Various Resolution)	Auto DST / NTP Server /	Yes
Loop Output	N/A	GMT Time Zone	
Spot Output	N/A	Multi Language	"English / Danish / Chinese (Traditional) / Japanese / Korean / Italian/ Polish / Russian / Chinese (Simplified) / Thai / Turkish / Spanish / French / Czech / German / Persian / Portuguese / Croatian"
Max. Recording Rate at 1080p (FPS)	60	3G Communication	iPad / iPhone / Android / Blackberry
Dual Stream	Selectable	Operating System	Embedded Linux
Audio Compression	ADPCM (16 Bit)	OS Firmware	Linux OS in Flash Memory
Audio Input	8 Inputs (RCA)	Emergency Recording Key	Yes
Audio Output	1 Output (RCA)	Primary Storage	SATA HDD (Up to 4+1)
Ethernet	1Gbps Ethernet (RJ-45)	Clip Copy Storage	Built-in Internal DVD-RW, Memory Stick
PTZ Control	RS-485/422 Terminal Block	Dimension(WxHxD)	430 mm x 88 mm x 430 mm / 16.93 inch x 3.46 inch x 16.93 inch
POS	4	Operating Temperature & Humidity	5°C~40°C / 41°F~104°F, 0% ~ 90%
Alarm Input / Output	8 (TTL) Programmable as NC/NO	Power Adapter &	100 to 240 VAC, 1/2 A, 50~60 Hz,
USB Port	4 Ports (2 x Front Panel, 2 x Rear Panel)	Consumption	Internal 250W / Max. 65W
Control Device	Keypad, Mouse, Keyboard Controller, Remote Controller		
Recording Quality	Super / High / Standard		
Recording Mode	Schedule / Alarm / Motion / Emergency		
Pre-Alarm Recording	Up to 3 Hours / User Programmable		

# VHDR7-16

## HIGH DEFINITION DIGITAL RECORDER

### KEY FEATURES

- 16CH HD-SDI
- UP TO 112FPS RECORDING @ 1080P/224FPS @ 720P
- HDMI (1080P) / VGA OUTPUTS
- REAL TIME LIVE DISPLAY
- DUAL STREAMING
- CMS FOR BOTH PC & MAC
- MOBILE VIEWING – IPHONE, ANDROID, BLACKBERRY
- USER FRIENDLY GUI
- 8 AUDIO INPUTS / 1 AUDIO OUT
- ADJUSTABLE RECORDING
- BUILT-IN DVD-RW
- RS485
- ALARM IN & OUT
- POS
- VOLTAGE INPUT 110V - 240V AC
- 3TB, 6TB, 9TB, 12TB HDD OPTIONS

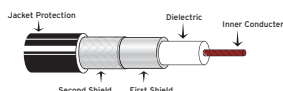


### DESCRIPTION

The VHDR7-16 is a 16-channel HD-SDI DVR. It can record high definition 1080p footage at 7 frames per second on all 16 channels and also includes a DVD-RW drive for back-up. It is designed for installations where high definition footage is required. It can also be linked to other VHDR DVRs using CMS software, to form part of a larger installation. It allows for full 1080p high definition footage to be recorded over standard coaxial cable, without the need for new cable on many existing installations.

### ACCESSORIES

- VHD-REPEATER Single Channel HD-SDI Repeater
- VHD-DISTRIBUTOR Single Channel HD-SDI Distributor



### Important - Please Note

For HD-SDI installations, we recommend that this device is used with RG59 cable, with an inner conductor made of bare copper, with a minimum diameter of 0.7mm. Using a copper clad cable, or one with a smaller inner conductor, is very likely to reduce cable lengths or cause signal loss. Using the recommended cable should ensure that cable lengths of 100 metres can be achieved.

### SPECIFICATION

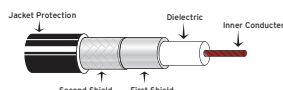
Compression	H.264 (Main Profile)	Motion Detection	Yes (22 x 15)
Signal Format	HD-SDI (1080p, 1080i or 720p, Auto Detection)	Playback Speed	x1, x2, x4, x8, x16, x32, x64, Extreme
Video Input	16 HD-SDI Inputs (1080p, 1080i or 720p)	Archive File Format	EXE (Video Clip) / JPEG (Still Image)
Video Output	N/A	User Interface GUI	Yes
VGA / HDMI Output	1 VGA / 1 HDMI (Max. 1920 x 1080p, Various Resolution)	Auto DST / NTP Server /	Yes
Loop Output	N/A	GMT Time Zone	
Spot Output	N/A	Multi Language	"English / Danish / Chinese (Traditional) / Japanese / Korean /
Max. Recording Rate at 1080p (FPS)	112		Italian/ Polish / Russian / Chinese (Simplified) / Thai / Turkish /
Dual Stream	Selectable		Spanish / French
Audio Compression	ADPCM (16 Bit)		/ Czech / German / Persian / Portuguese / Croatian"
Audio Input	8 Inputs (RCA)	3G Communication	iPad / iPhone / Android / Blackberry
Audio Output	1 Output (RCA)	Operating System	Embedded Linux
Ethernet	1Gbps Ethernet (RJ-45)	OS Firmware	Linux OS in Flash Memory
PTZ Control	RS-485/422 Terminal Block	Emergency Recording Key	Yes
POS	4	Primary Storage	SATA HDD (Up to 4+1)
Alarm Input / Output	16 (TTL) Programmable as NC/NO	Clip Copy Storage	Built-in Internal DVD-RW, Memory Stick
USB Port	4 Ports (2 x Front Panel, 2 x Rear Panel)	Dimension(WxHxD)	430 mm x 88 mm x 430 mm /
Control Device	Keypad, Mouse, Keyboard Controller, Remote Controller		16.93 inch x 3.46 inch x 16.93 inch
Recording Quality	Super / High / Standard	Operating Temperature &	5°C~40°C / 41°F~104°F; 0% ~ 90%
Recording Mode	Schedule / Alarm / Motion / Emergency	Humidity	
Pre-Alarm Recording	Up to 3 Hours / User Programmable	Power Adapter &	100 to 240 VAC, 1/2 A, 50~60 Hz,
		Consumption	Internal 250W / Max. 65W

# VHDRH-16

## HIGH DEFINITION DIGITAL RECORDER

### KEY FEATURES

- **HYBRID HD-SDI & ANALOGUE INPUTS**
- **2X HD-SDI INPUTS, 14 X SD INPUTS**
- **UP TO 50FPS @ 1080P (HD-SDI)**
- **UP TO 175FPS D1 (SD ANALOGUE)**
- **HDMI (1080P) / VGA / ANALOGUE OUT**
- **REAL TIME LIVE DISPLAY**
- **DUAL STREAMING**
- **CMS FOR BOTH PC & MAC**
- **MOBILE VIEWING – IPHONE, ANDROID, BLACKBERRY**
- **USER FRIENDLY GUI**
- **16 AUDIO INPUTS / 1 AUDIO OUT**
- **ADJUSTABLE RECORDING**
- **SPOT MONITOR (ANALOGUE)**
- **LOOP THROUGH (2X HD-SDI – 14X SD)**
- **BUILT-IN DVD-RW**
- **RS485**
- **ALARM IN & OUT**
- **ESATA CONNECTIONS**
- **POS**
- **100-240V AC**
- **3TB, 6TB, 9TB, 12TB HDD OPTIONS**



### Important - Please Note

For HD-SDI installations, we recommend that this device is used with RG59 cable, with an inner conductor made of bare copper, with a minimum diameter of 0.7mm. Using a copper clad cable, or one with a smaller inner conductor, is very likely to reduce cable lengths or cause signal loss. Using the recommended cable should ensure that cable lengths of 100 metres can be achieved.



### DESCRIPTION

The VHDRH-16 is a 16-channel Hybrid HD-SDI / Analogue DVR. It can record high definition 1080p footage at 25 frames per second on two HD-SDI channels and 25 frames per second 2CIF (12.5 FPS D1) on 14 analogue channels, and also includes a DVD-RW drive for back-up. It is designed for installations where some cameras could benefit from being high definition, with standard definition analogue cameras being suitable for other locations. It can also be linked to other VHDR DVRs using CMS software, to form part of a larger installation. It allows for full 1080p high definition footage to be recorded over standard coaxial cable, without the need for new cable on many existing installations.

### ACCESSORIES

- **VHD-REPEATER** Single Channel HD-SDI Repeater
- **VHD-DISTRIBUTOR** Single Channel HD-SDI Distributor

### SPECIFICATION

Compression	H.264 (Main Profile)	Motion Detection	Yes (22 x 15)
Signal Format	HD-SDI (1080p, 1080i or 720p, Manual Selection) + Analogue	Playback Speed	x1, x2, x4, x8, x16, x32, x64, Extreme
Video Input	2xHD-SDI + 14xAnalog inputs	Archive File Format	EXE (Video Clip) / JPEG (Still Image)
Video Output (Analogue)	1 BNC (1 Vp-p, 75 Ohm)	User Interface GUI	Yes
VGA / HDMI Output	1 VGA / 1 HDMI (Max. 1920 x 1080p, Various Resolution)	Auto DST / NTP Server / GMT	Yes
Loop Output	2 HD-SDI + 14 Analog	Time Zone	
Spot Output	3 BNC	Multi Language	"English / Danish / Chinese (Traditional) / Japanese / Korean / Italian/ Polish / Russian / Chinese (Simplified) / Thai / Turkish / Spanish / French / Czech / German / Persian / Portuguese / Croatian"
Max. Recording Rate at 1080p (FPS)	HD-SDI: 25 frames@1080p for each channel (Total 50)	3G Communication	iPad / iPhone / Android / Blackberry
Dual Stream	Selectable	Operating System	Embedded Linux
Audio Compression	ADPCM (16 Bit)	OS Firmware	Linux OS in Flash Memory
Audio Input	16 Inputs (RCA)	Emergency Recording Key	Yes
Audio Output	1 Output (RCA)	Primary Storage	SATA HDD (Up to 4+1)
Ethernet	1Gbps Ethernet (RJ-45)	Clip Copy Storage	Built-in Internal DVD-RW, Memory Stick
PTZ Control	RS-485/422 Terminal Block	Dimension(WxHxD)	430mm x 88mm x 430mm / 16.93inch x 3.46inch x 16.93inch
POS	4	Operating Temperature & Humidity	5°C~40°C / 41°F~104°F, 0% ~ 90%
Alarm Input / Output	16 / 16 (TTL) Programmable as NC/NO	Power Adapter & Consumption	100 to 240 VAC, 1/2 A, 50~60 Hz, Internal 200W / Max. 65W
USB Port	4 Ports (2 x Front Panel, 2 x Rear Panel)		
Control Device	Keypad, Mouse, Keyboard Controller, Remote Controller		
Recording Quality	Super / High / Standard		
Recording Mode	Schedule / Alarm / Motion / Emergency		
Pre-Alarm Recording	Up to 3 Hours / User Programmable		

# VHD-REPEATER & VHD-DISTRIBUTOR

## HD-SDI ACCESSORIES



### VHD-REPEATER

The VHD-REPEATER allows an HD-SDI signal to be repeated to avoid signal loss. It is recommended for cable runs above 100metres

- 1 In / 1 Out HD-SDI Repeater
- HD-SDI SMPTE 292M Support (1080p, 1080i or 720p)
- 100m+ Transmission Distance Extension per Each Box
- Vertical Frequency Auto-Track (60, 60/1.001)
- Free Voltage 12VDC, 1A
- Compact Size & Light Weight
- Input / Output Return Loss : > -15 dB at 1.5GBPS
- Input / Output Impedance : 75 Ohms +/- 1%

### VHD-REPEATER SPECIFICATION

Input Signal	10bit HD Serial Digital Signal, SMPTE 292M
Output Signal	10bit HD Serial Digital Signal, SMPTE 292M
Video Format	1080p 24/25/30/50/60
	1080i 50/60
	720p 24/25/30/50/60
Input Return Loss (BNC)	> -15 dB, 270Mb-3Gb
Output Return Loss (BNC)	> -15 dB, 270Mb-3Gb
Input Impedance (BNC)	75 Ohms +/- 1%
Output Impedance (BNC)	75 Ohms +/- 1%
Power Consumption	Free Voltage 12VDC, 1A
Dimension (WxHxD)	83.75mm x 31.75mm x 87.07mm /
	3.35 inch x 1.27 inch x 3.48 inch
HD-SDI Connector	BNC Female



### VHD-DISTRIBUTOR

The VHD-DISTRIBUTOR enables distribution of 1 HD-SDI input to up to 4 HD-SDI video outputs

- Compact HD-SDI Video Distribution Amplifier
- 1 HD-SDI Video Input (SMPTE 292M)
- 4 Separately Buffered HD-SDI Outputs (SMPTE 292M)
- Auto Equalization
- Auto Re-clock / Bypass Any Rate from 10KBPS through 2.97GBPS
- Low Power Consumption. Free Voltage 12VDC, 1A
- Compact Size & Light Weight
- Input / Output Return Loss : > -15 dB at 1.5GBPS
- Input / Output Impedance : 75 Ohms +/- 1%

### VHD-DISTRIBUTOR SPECIFICATION

Format	1080p, 1080i or 720p Manual Selection
Video Input	1 HD-SDI input (SMPTE 292M)
Input Format	1080p 24/25/30/50/60
	1080i 50/60
	720p 24/25/30/50/60
Video Output	4 HD-SDI output (SMPTE 292M)
Output Format	1080p 24/25/30/50/60
	1080i 50/60
	720p 24/25/30/50/60
Input Return Loss (BNC)	> -15 dB, 270Mb-3Gb
Output Return Loss (BNC)	> -15 dB, 270Mb-3Gb
Input Impedance (BNC)	75 Ohms +/- 1%
Output Impedance (BNC)	75 Ohms +/- 1%
Power Consumption Free	Voltage 12VDC, 1A
Dimension (WxHxD)	83.75mm x 31.75mm x 87.07mm /
	3.35 inch x 1.27 inch x 3.48 inch



# VHD-HDMI-CONV / VHD-HDSI-CONV

## HD-SDI ACCESSORIES



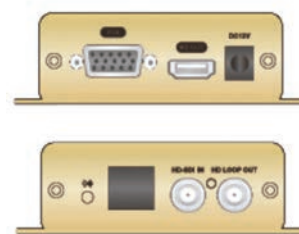
### VHD-HDMI-CONV

VHD-HDMI-CONV is a HD signal converter which converts video signal between HDMI and HD-SDI. It converts the high resolution of HDMI sources to SMPTE 292M, standard HD-SDI signal.

- Convert HDMI to HD-SDI
- Convert HDMI and component input to HD-SDI SMPTE 292M
- Full HDMI Support Including Embedded Audio
- Equalized HDMI Input Supports Long HDMI Cables Up to 30m, 24 gauge
- HDMI v1.3 Standard
- HD-SDI SMPTE 292M Support(1080p, 1080i or 720p)
- 12VDC, 1A
- Compact Size & Light Weight

### VHD-HDMI-CONV SPECIFICATION

Input	HDMI
	Component Input
Input Formats	1080p 24/25/30
	1080i 50/60
	720p 50/60
Output	HD-SDI SMPTE 292M
Output Formats	1080p 24/25/30
	1080i 50/60
	720p 50/60
Power Consumption	12VDC, 1A
Dimensions	83.75mm x 31.75mm x 87.07mm
	3.35inch x 1.27 x 3.48 inch
HDMI Connector	HDMI Female
HD-SDI Connector	BNC Female



### VHD-HDSI-CONV

VHD-HDSI-CONV is a HD signal converter which converts video signal between HD-SDI and HDMI. It converts the HD-SDI video to HDMI signal

- Convert HD-SDI to HDMI
- HDMI v1.3 standard
- HD-SDI SMPTE 292M support(1080p, 1080i or 720p)
- 12VDC, 1A
- Compact Size & Light weight

### VHD-HDSI-CONV SPECIFICATION

Input	HD-SDI SMPTE 292M
Input Formats	1080p 24/25/30
	1080i 50/60
	720p 50/60
Output	HDMI
	HD-SDI Loop Output
Output Formats	VGA
	1024 x 768
	720p 60
	1080p 30/60
Power Consumption	Free Voltage 12VDC, 1A
Dimension	83.75mm x 31.75mm x 87.07mm
	3.35inch x 1.27 x 3.48 inch
HDMI Connector	HDMI Female
HD-SDI Connectors	BNC Female



Our OEM range gives you a wide choice of products to help you secure business where your customers are operating on a tight budget. The range includes good quality basics, such as eyeball cameras, entry-level DVRs and baluns.

This guide shows a selection of our most popular OEM products. If you can't see what you're looking for or would like us to source a specific product, call us on 01924 528000 or email [sales@videcon.co.uk](mailto:sales@videcon.co.uk)



# VB6250 Range

## VANDAL RESISTANT COLOUR DOME CAMERA

### KEY FEATURES

- 1/3" CCD
- 420 LINES COLOUR
- 0.1 LUX SENSITIVITY COLOUR
- 0.0 LUX (IR LED ON) SENSITIVITY MONO
- 6 IR LEDS
- 5M IR RANGE
- 3.6MM LENS

### OTHER FEATURES

- 12V DC
- 150mA
- 60x57mm
- Approx. 320g
- Up to 830nm
- Auto White Balance
- Auto Gain Control
- 360° "eyeball adjustment"

### SPECIFICATION

Image Pick-up Device	1/3" CCD
Effective Picture Elements	500x582 PAL
Horizontal Resolution	420TV Lines
Minimum Illumination	0 Lux (IR On)
S/N Ratio	45dB
Auto Electronic Shutter	PAL : 1/50~1/100,000
Iris Control	Auto
Lens mount	Fixed Board Lens (Option)
AGC	Auto
Synchronous System	Negative sync, Internal
Video Output	1Vp-p Composite Video/75 Ohms
Power Supply	DC 12V / 150mA
Operating Temp	-10°C to 50°C
Dimensions	60(W)mm x 57(D)mm
Weight	Approx. : 320g



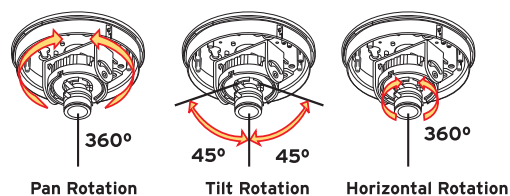
### DESCRIPTION

This mini, vandal resistant camera from Videcon offers a discreet, high performance solution for a variety of short range applications, including vehicles, bars and nightclubs.

Available in a black, grey or white casing, this unit features 6 integrated IR LEDs and is able to capture images at a range of 5 metres.

Additional features include a tri-axis gimbal to enable free rotation of the 3.6mm built in fixed lens.

### Tri Axis Gimbal



### Order Codes

- VB6250-B3.6 Black casing
- VB6250-G3.6 Gunmetal Grey casing
- VB6250-W3.6 White casing

# DSIRH Range

## VANDAL RESISTANT IR DOME CAMERA

### KEY FEATURES

- 1/3" CCD
- 520 / 540 / 600 TVL OPTIONS
- 0 LUX SENSITIVITY MONO
- 1 LUX SENSITIVITY COLOUR
- FIXED AND VARIFOCAL LENS OPTIONS



### OTHER FEATURES

- Auto White Balance
- Auto Gain Control
- Back Light Compensation
- 360° "eyeball adjustment"
- IP66



### DSIRHRV-BASE

The DSIRHRV-BASE is ideal for applications requiring a DSIRHRV to "stand-off" a wall to increase the field of view along a wall.

The DSIRHRV-BASE features a cable gland for any easy installation



- DSIRHRV-BASE  
Deep standoff base for DSIRHRV camera, Gunmetal



- DSIRHRV-BASE/W  
Deep standoff base For DSIRHRV/W camera, White

### DESCRIPTION

Designed for areas that are prone to attack, the DSIRHRV is enclosed in a vandal resistant and weatherproof housing. The robust design of the DSIRHRV makes it a highly visible camera that can act as a deterrent in hostile environments.

### Order Codes

- DSIRHR 520 TVL, 3.6mm fixed lens, 24 IR LEDs, 20m Range, 93mm (Dia.), Gunmetal Grey Casing
- DSIRHRV 600 TVL, 4-9mm V/F lens, 36 IR LEDs, 20-25m Range, 120mm (Dia.), Gunmetal Grey Casing
- DSIRHRV/S 540 TVL, 4-9mm V/F lens, 24 IR LEDs, 20m Range, 120mm (Dia.), Silver Casing
- DSIRHRV/W 600 TVL, 4-9mm V/F lens, 36 IR LEDs, 20-25m Range, 120mm (Dia.), White Casing

### SPECIFICATION

MODEL	DSIRHR	DSIRHRV	DSIRHRV/S	DSIRHRV/W
Image Pick-up Device	1/3" CCD	1/3" Sony Super HAD CCD	1/3" CCD	1/3" Sony Super HAD CCD
Total Pixels	795(H) x 596(V) PAL			
Effective Pixels	752(H) x 582(V) PAL			
Scanning System	2:1 Interlaced 625 lines			
Scanning Frequency	15,625KHz (H) / 50Hz			
Shutter Speed	1/50~1/100,000 PAL			
Sync System	Internal			
Resolution	520 TV Lines	600 TV Lines	540 TV Lines	600 TV Lines
Video Output	VBS 1.0V p-p Composite (75 Ohm)			
White Balance	ATW			
BLC	ON			
AGC	ON			
S/N Ratio	45dB	More than 50dB	45dB	More than 50dB
Minimum Illumination	0.1Lux (CDS ON : 0.000Lux)	0 Lux for Infrared Lighting Conditions	0.1Lux (CDS ON : 0.000Lux)	0 Lux for Infrared Lighting Conditions
IR Range	20M	20 - 25M	20m	20 - 25M
LED Quantity	24PCS	36PCS	24PCS	36PCS
Lens	3.6mm	4-9 mm Varifocal IR Lens	4-9mm Vari Focal Lens(F=1.6)	4-9 mm Varifocal IR Lens
Operating Temp	-20°C to 50°C	-10°C to 50°C	-20°C to 50°C	-10°C to 50°C
Power Consumption	DC 12V / 140mA (CDS ON : 400mA Max)	DC 12V 70mA (Max: 550mA)	DC 12V / 140mA (CDS ON : 400mA Max)	DC 12V 70mA (Max: 550mA)
Dimensions	93(Dia.)mmx80(D)mm	120(W)mm x 96(D)mm	120(W)mm x 96(D)mm	120(W)mm x 96(D)mm
Weight	Approx 540g	Approx. 740g	Approx. 740g	Approx. 740g

# IR & WL Lamp Range

## INFRARED AND WHITE LIGHT LAMP



### IR Lamps

#### DESCRIPTION

The IR range of infrared lamps were designed for the CCTV safety monitoring systems to produce the clear night vision images. Elegant design, low-energy consumption and adjustment for luminance regulator and photosensitization regulator to avoid over bright images when used at short distances. 850nm wavelength with usable distance, integral type aluminum rear cover with heat radiator for good heat emissions and long product life.

#### FEATURES

- Simple design, convenient installation, flexible adjustment
- Offers high standard night vision images
- Day and night shifts conveniently, stated distance are real
- Adjustable Infrared light strength to suit the individual environment
- Aluminum alloy case with heat radiator + weather resistance engineering plastic PC
- Better heat emission effect, longer product life
- Low input voltage, low output power, energy saving and environmental protecting.
- IP67

#### SPECIFICATION

Model	IR10	IR30	IR60
Wavelength		850nm IR LED	
Angle	10°	30°	60°
Input Power	DC12V/AC24V		
Power consumption	MAX 25W		
Infrared distance	100m	60m	30m
Additional function	D&N I/O		
Minimum illuminance	Adjustable		
Colour	Black anodic oxidation		
Main material	Case: Aluminum alloy, Front Cover weather resistance engineering plastic PC		
Work temperature	50 Below Zero to 50 Above Zero		
Work moisture	10% - 90%		
Storage temperature	40 Below zero to 60 Above zero		
Dimensions	145.4 (L) x 100 (W) x 124.3 (H) mm		
Net weight	0.85Kg		



### WL Lamps

#### DESCRIPTION

The WL range of infrared lamps were designed for the CCTV safety monitoring systems to produce the clear night vision images. Elegant design, low-energy consumption and adjustment for luminance regulator and photosensitization regulator to avoid over bright images when used at short distances. White light LEDs with usable distances, integral type aluminum rear cover with heat radiator for good heat emissions and long product life.

#### FEATURES

- Simple design, convenient installation, flexible adjustment
- Offers high standard night vision images
- Day and night shifts conveniently, stated distance are real
- Adjustable light strength to suit the individual environment
- Aluminum alloy case with heat radiator + weather resistance engineering plastic PC
- Better heat emission effect, longer product life
- Low input voltage, safe and reliable, low output power, energy saving and environmental protecting.
- IP67

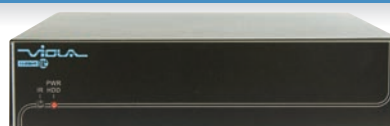
#### SPECIFICATION

Model	WL10	WL30	WL60
Wavelength		White LED	
Angle	10°	30°	60°
Input Power	AC24V/DC24V		
Power consumption	MAX 50W		
Infrared distance	50m	30m	15m
Certification	CE FCC IP67		
Additional function	D&N I/O		
Minimum illuminance	Adjustable		
Colour	Black anodic oxidation		
Main material	Case: Aluminum alloy, Front Cover weather resistance engineering plastic PC		
Work temperature	50 Below Zero to 50 Above Zero		
Work moisture	10%-90%		
Storage temperature	40 Below zero to 60 Above zero		
Dimensions	145.4(L)x100(w)x124.3(H)mm		
Net weight	0.85Kg		

#### IR & WL Lamp Accessories

- DLB Illuminator bracket to hold 2 lamps
- TLB Illuminator bracket to hold 3 lamps

## ENTRY LEVEL 4 CHANNEL DVR



### KEY FEATURES

- **H.264 COMPRESSION**
- **USER-FRIENDLY GUI FOR EASY OPERATION**
- **CONFIGURABLE RECORDING FRAME RATES FOR EACH CHANNEL**
- **CIF, 2CIF OR D1 RECORDING QUALITY**
- **SIMULTANEOUS PLAYBACK OF ALL CHANNELS**
- **REMOTE CONNECTION VIA WEB BROWSER OR SMARTPHONE**
- **ARCHIVING TO USB OR PC**

### OTHER FEATURES

- Up to Real-Time record frame rates & real-time live display
- Two-Way Audio
- Remote Access via PC
- Email Alarm Notification (Motion Detection)
- Fully Networkable
- Open-system architecture for ease of access via network
- Mouse Support
- Remote Control\*
- Smart search
- Real-Time live display
- Fully Networkable
- Watermark
- Multi-language GUI

\*Remote Control sold separately

### DESCRIPTION

The VIO-M4BL/500 is a compact, discreet 4 channel H.264 DVR with sixfold operation – record, live view, playback, backup, control, & remote access.

The VIO-M4BL is suitable for any budget application which does not require PTZ control, alarm integration or a front panel interface.

### SPECIFICATION

SYSTEM	O.S.	Embedded Linux 2.6
	Multiplex	Sixfold operation - simultaneous record, live, playback, backup, control, & remote access
	Certification	FCC, CE, LVDS, PSE etc.
VIDEO	Format	NTSC/EIA or PAL/CCIR
	Input	4-CH, BNC, 1Vp-p/75ohm
	Main monitor	BNC x 1, 1Vp-p/75ohm
		VGA D-SUB 15-pin connector
	3-D de-interlace & de-noise	Yes
	Loss detection	Yes
	Motion detection	Yes, with configurable detection area & sensitivity
AUDIO	Input	1 RCA-jack connector, line-in level (100mV-1Vrms)
	Output	1 RCA-jack connector, line-out level (up to 1Vrms)
RECORD	Compression	H.264 Baseline profile
		Audio: ADPCM
	Frame rate (IPS) & Resolution	NTSC – 60 / 720*480, 120 / 720*240, 240 / 360*240 PAL – 50 / 720*576, 100 / 720*288, 200 / 360*288
	Mode	Manual/Schedule/Alarm/Motion
	Pre-record time	0 - 10 seconds
	Post-record time	0 - 60 minutes
DISPLAY	Resolution	NTSC – 720*480, PAL – 720*576
	Split windows	1 / 4
	Frame rate	Up to 30/25 IPS per display window
	Sequential switch	User adjustable
	Digital Zoom	X2, X4
PLAYBACK	Frame rate (IPS) & Resolution	NTSC – 60 / 720*480, 120 / 720*240, 240 / 360*240 PAL – 50 / 720*576, 100 / 720*288, 200 / 360*288
	Search	Smart search, Date/time, Camera, Alarm, Motion, & Video Loss
	Operation	Play, Fast Forward, Backward, Pause, Stop, etc.
		Remote I.E. and HEM can also Print
STORAGE	HDD	1 SATA HDD
		Advanced format HDD supported,
		Failure detection supported
	Backup	1 USB 2.0 ports for USB disk drives, DVD+RW, DVD+R,
		DVD-R, card readers, HDD, etc.
		Self playback for backup files
ALARM	Buzzer	Yes
	Triggered by	Video loss, & Motion
	Event log	Yes
NETWORK	Ethernet	1 RJ-45 10/100BaseT Ethernet connector
	Web	Remote setup, monitoring, backup, alarm notification,
		& remote software upgrade, Support windows 7, Vista, XP, and 2000
		1 I.E./Firefox for multiple DVRs
		Configurable HTTP/e-mail/FTP/Control/Data port
	DDNS	Free DDNS server
	E-mail	Alarm notification to stationary or mobile devices
	FTP	Alarm video/audio file storage
	Video	1/4/9/16 split-window & SEQ mode for I.E. and HEM
		Dynamic electronics maps for HEM, N-streaming live view
	Audio	2-way
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP
	Remote users	Up to 6 users simultaneously
	Bandwidth	TCP/IP type dynamic sliding window control
	Remote stations	Streaming video for PC, mobile phone, PDA, etc., no Apps required
SETUP	Local	On screen setup via USB mouse or optional IR remote controller
	Remote	Setup & upload via Windows application software
	Multi-lingual	Yes
RELIABILITY	System recovery	Auto power on after power loss recovery
	Watch Dog Timer	Yes
	Timer	Built-in real time clock
	Security	Multi-level password (3 levels, up to 18 accounts) protection with authentication
		key for remote access
WEIGHTS & MEASURES	Dimension	185(W) x 195(D) x 44(H)mm
	Weight	1.2 KG (without HDD)
POWER	Source	+12 VDC
	Consumption	30W Max.
OPERATING TEMPERATURE		0°C ~ +45°C



# VIO-M4 / VIO-M8



## MINI 4 AND 8 CHANNEL DVR

### KEY FEATURES

- **H.264 COMPRESSION**
- **USER-FRIENDLY GUI FOR EASY OPERATION**
- **CONFIGURABLE RECORDING FRAME RATES FOR EACH CHANNEL**
- **CIF, 2CIF OR D1 RECORDING QUALITY**
- **SIMULTANEOUS PLAYBACK OF ALL CHANNELS**
- **REMOTE CONNECTION VIA WEB BROWSER OR SMARTPHONE**
- **ARCHIVING TO USB OR PC**



### OTHER FEATURES

- Up to Real-Time live display and record frame rates
- Two-Way Audio
- Remote Access via PC
- Email Alarm Notification
- Fully Networkable
- RS-232/RS-485 for PTZ, POS and GPS Support
- USB for back-up and configuration
- Open-system architecture for ease of access via network
- Front Panel Interface
- Custom User Profiles
- IP Filtering
- Plug-and-play Mouse Support
- Remote Control
- Smart search
- Real-Time live display
- Fully Networkable
- Watermark
- Multi-language GUI

\*Remote Control sold separately

### DESCRIPTION

The VIO-M4 & VIO-M8 are a 4 and 8 channel H.264 DVRs with sixfold operation – record, live view, playback, backup, control, & remote access. The VIO-M range are suitable for any budget application

SPECIFICATION		VIO-M4	VIO-M8
SYSTEM	O.S.	Embedded Linux 2.6	
	Multiplex	Sixfold operation - simultaneous record, live, playback, back-up, control, & remote access	
VIDEO	Certification	FCC, CE, LVDS, PSE, etc.	FCC, CE, LVDS, etc.
	Format	PAL/CCIR	NTSC/EIA or PAL/CCIR
	Input	4-CH, BNC, 1Vp-p/75ohm	8CH, BNC, 1Vp-p/75ohm
	Main monitor	BNC x 1, 1Vp-p/75ohm VGA D-SUB 15-pin connector	
AUDIO	Call monitor	BNC x 1, 1Vp-p/75ohm	Yes
	Loss detection	Yes	Yes
	Motion detection	Yes, with configurable detection area & sensitivity	Yes
	Input	1 RCA-jack connector, line-in level (100mV-2Vrms)	2 RCA-jack connector, line-in level (100mV-2Vrms)
RECORD	Output	1 RCA-jack connector, line-out level (up to 2Vrms)	
	Compression	Video: H.264 Baseline Profile	Video: H.264
	Frame rate (IPS) & Resolution	25 / 720 x 576, 50 / 720 x 288, 100 / 360 x 288	PAL – 50 / 720*576, 100 / 720*288, 200 / 360*288
	Mode	Manual/Schedule/Alarm/Motion	
DISPLAY	Pre-record time	0 - 10 seconds	
	Post-record time	0 - 60 minutes	
	Resolution	PAL – 720 x 576	PAL – 720*576
	Split windows	1 / 4	1/4/7/9
PLAYBACK	Frame rate (IPS) & Resolution	25 (PAL) IPS per display window	Up to 30 (NTSC) / 25 (PAL) IPS per display window
	Search	Yes	Yes
	Operation	User adjustable	X2, X4
	Digital Zoom	PAL – 25 / 720 x 576, 50 / 720 x 288, 100 / 360 x 288	
STORAGE	Frame rate (IPS) & Resolution	PAL – 50 / 720*576, 100 / 720*288, 200 / 360*288	
	Search	Smart search, Date/time, Camera, Alarm, Motion, & Video Loss	
	Operation	Play, Fast Forward, Backward, Pause, Stop, etc.	
	HDD	Remote I.E. and HEM can also Print, Snapshot	
ALARM	Input	1 set of 3.5" SATA type HDD,	
	Output	Max. 1TB HDD storage size	
	Buzzer	Failure detection supported	
	Trigger	Privacy law supported	
NETWORK	Event log	Configurable alarm partition size	
	Ethernet	Configurable auto-overwrite or not	
	Web	1 USB 2.0 port for USB disk drives, DVD+RW, DVD-R, card	
	DDNS	1 USB 2.0 ports for USB 2.0 disk drives, DVD+RW, DVD-R, card	
CONTROL	E-mail	readers, HDD, etc.	
	FTP	Self playback for back-up files	
	Video	4 contact or TTL/CMOS signal, polarity selectable	
	Audio	1 Normally Open or 1 Normally Closed relay output	
SET-UP	Protocol	Yes	
	Remote users	Sensor input, Video loss, & Motion	
	Bandwidth	Yes	
	Remote stations	1 RJ-45 10/100BaseT Ethernet connector	
RELIABILITY	I/R	Remote set-up, monitoring, back-up, alarm notification, & remote software upgrade	
	RS-485	Support Windows 7, Windows Vista, Windows XP, and Windows 2000	
	Local	Configurable HTTP/Control/Data port	
	Remote	1 I.E./Firefox for multiple DVRs	
WEIGHTS & MEASURES	Multi-lingual	Free DDNS server	
	System recovery	Alarm notification to stationary or mobile devices	
	Watch Dog Timer	Alarm video/audio file storage	
	Timer	1/4 split-window & SEQ mode for I.E. and HEM	
POWER	Security	Dynamic electronics maps for HEM	
	Dimension	N-Streaming live view	
	Weight	Bidirectional	
	Source	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP	
OPERATING TEMPERATURE	Consumption	Up to 6 users simultaneously	
		TCP/IP type dynamic sliding window control	
		PTZ, GPS, or POS	
		2-pin for PTZ control	
WEIGHTS & MEASURES	Dimension	On screen set-up via keypad, I/R remote controller, USB mouse	
	Weight	Setup & upload via Windows application software	
	Source	Yes	
	Consumption	Auto power on after power loss recovery	
OPERATING TEMPERATURE		Yes	
		Built-in real time clock	
		Multi-level password (3 levels, up to 18 accounts) protection with authentication key for remote access	
		320(W) x 210(D) x 50(H)mm	
WEIGHTS & MEASURES	Weight	2.0 KG (without HDD)	
	Source	+12 VDC	
	Consumption	24W Max.	
		0°C ~ +50°C	
OPERATING TEMPERATURE		30W Max.	
		0°C ~ +45°C	

# VIO-4 / VIO-8

## 4, AND 8 CHANNEL DVR



### KEY FEATURES

- **H.264 COMPRESSION**
- **USER-FRIENDLY GUI FOR EASY OPERATION**
- **CONFIGURABLE RECORDING FRAME RATES FOR EACH CHANNEL**
- **CIF, 2CIF OR D1 RECORDING QUALITY**
- **SIMULTANEOUS PLAYBACK OF ALL CHANNELS**
- **REMOTE CONNECTION VIA WEB BROWSER OR SMARTPHONE**
- **ARCHIVING TO USB OR PC**



### OTHER FEATURES

- Up to Real-Time live display and record frame rates
- Two-Way Audio
- Remote Access via PC
- Email Alarm Notification
- Fully Networkable
- RS-232/RS-485 for PTZ, POS and GPS Support
- USB for back-up and configuration
- Open-system architecture for ease of access via network
- Front Panel Interface
- Custom User Profiles
- IP Filtering
- Plug-and-play Mouse Support
- Remote Control
- Smart search
- Real-Time live display
- Fully Networkable
- Watermark
- Multi-language GUI

### DESCRIPTION

The VIO-4 and VIO-8 are a 4 and 8 channel H.264 DVR with sixfold operation – record, live view, playback, backup, control, & remote access. The VIO-4 and VIO-8 are suitable for any budget application

SPECIFICATION		VIO-4	VIO-8
SYSTEM	O.S.	Embedded Linux 2.6	
	Multiplex Processor	Sixfold operation - simultaneous record, live, playback, back-up, control, & remote access	
VIDEO	Certification	Multiple	FCC, CE, LVDS, etc.
	Format	PAL/CCIR	NTSC/EIA or PAL/CCIR
	Input	4-CH. BNC, 1Vp-p/75ohm	8CH. BNC, 1Vp-p/75ohm
	Main monitor	BNC x 1, S-video x 1, 1Vp-p/75ohm, VGA D-SUB 15-pin connector	
	3-D de-interlace & de-noise		Yes
	Loss detection	Yes	
	Motion detection	Yes, with configurable detection area & sensitivity	
AUDIO	Input	2 RCA-jack connectors, line-in level (100mV-2Vrms)	2 RCA-jack connector, line-in level (100mV-2Vrms)
	Output	2 RCA-jack connectors, line-out level (up to 2Vrms)	1 RCA-jack connector, line-out level (up to 2Vrms)
	Compression	H.264 Baseline Profile, Audio: ADPCM	
RECORD	Frame rate (FPS) & Resolution	25 / 720 x 576, 50 / 720 x 288, 100 / 360 x 288	NTSC – 60 / 720*480, 120 / 720*240, 240 / 360*240 PAL – 50 / 720*576, 100 / 720*288, 200 / 360*288
	Mode	Manual/Schedule/Alarm/Motion	
	Pre-record time	0 - 10 seconds	0 - 10 seconds
	Post-record time		0 - 60 minutes
	Resolution	PAL – 720 x 576	NTSC – 720*480, PAL – 720*576
DISPLAY	Split windows	1/4	1/4/(7/9)
	Frame rate	Up to 30/25 FPS per display window	Up to 30 (NTSC) / 25 (PAL) FPS per display window
	Freeze		Yes
	Sequential switch		User adjustable
	Digital Zoom		X2, X4
	Frame rate (FPS) & Resolution	PAL – 25 / 720 x 576, 50 / 720 x 288, 100 / 360 x 288	NTSC – 60 / 720*480, 120 / 720*240, 240 / 360*240 PAL – 50 / 720*576, 100 / 720*288, 200 / 360*288
PLAYBACK	Search	Smart search, Date/time, Camera, Alarm, & Motion	Smart search, Date/time, Camera, Alarm, Motion, & Video Loss
	Operation	Play, Fast Forward, Backward, Pause, Stop, etc. Remote I.E. and HEM can also Print	Play, Fast Forward, Backward, Pause, Stop, etc. Remote I.E. and HEM can also Print, Snapshot
STORAGE	HDD	1 set of 3.5" SATA HDDs, up to 1TB for each HDD 2 set of 3.5" SATA HDDs, up to 1TB for each HDD	Up to 2 sets of 3.5" SATA HDDs with storage, > 2TB of HDD storage size, Advanced format HDD supported
	Partitions	Failure detection & privacy law supported Failure detection & privacy law supported	
	Backup	Configurable alarm partition size Configurable auto-overwrite or not	
		1 USB 2.0 port for USB 2.0 disk drives, DVD+RW, DVD-R, DVD-R, card readers, HDD, etc.	1 USB 2.0 ports for USB 2.0 disk drives, DVD+RW, DVD+R, DVD-R, card readers, HDD, etc.
ALARM	Input	Self playback for back-up files	
	Output	4 contact or TTL/CMOS signal, polarity selectable	
	Buzzer	1 Normally Open, 1 Normally Closed relay output	
	Triggered by	Yes	
	Event log	Sensor input, Video loss, & Motion	
NETWORK	Ethernet	Yes	
	Web	1 RJ-45 10/100BaseT Ethernet connector	
		Remote set-up, monitoring, back-up, alarm notification, & remote software upgrade	
		Support Windows 7, Windows Vista, Windows XP, and Windows 2000	
		1 I.E./Firefox for multiple DVRs	
		Configurable HTTP/Control/Data port	
	DDNS		Free DDNS server
	E-mail	Alarm notification to stationary or mobile devices	
	FTP	Alarm video/audio file storage	
	Video	1/4/9/16 split-window & SEQ mode for I.E. and HEM	
		Dynamic electronics maps for HEM	
	Audio	Bidirectional	
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP	
	Remote users	Up to 6 users simultaneously	Up to 6 users simultaneously
	Bandwidth	TCP/IP type dynamic sliding window control	
	Remote stations	PC, mobile phone, or PDA	Streaming video for PC, mobile phone, PDA, etc., no Apps required
CONTROL / GPS/POS	I/R	1 I/R remote controller	
	RS-232	1 D-type female connector for PTZ, POS, or GPS	
	RS-485	2-pin for PTZ control	
SETUP	Local	On-screen set-up via mouse, keypad, I/R remote controller	PTZ, GPS, or POS On screen setup via keypad, I/R remote controller, mouse, and/or RS-485 keyboard controller
	Remote	Set-up & upload via Windows application software	
	Multi-lingual	Yes	
RELIABILITY	System recovery	Auto power on after power loss recovery	
	Watch Dog Timer	Yes	
	Timer	Built-in real time clock	
	Security	Multi-level password (3 levels, up to 18 accounts) protection with authentication key for remote access	
	Dimension	430(W) x 330(D) x 66(H)mm	435(W) x 285(D) x 55(H)mm
WEIGHTS & MEASURES	Weight	4.0 KG (without HDD)	3.0 KG (without HDD)
	Source	+12VDC	+12 VDC
POWER	Consumption	45W Max. (with 2 HDDs)	30W Max.
OPERATING TEMPERATURE		0°C~+45°C	

# VIO-16

## 16 CHANNEL DVR



### KEY FEATURES

- **H.264 COMPRESSION**
- **USER-FRIENDLY GUI FOR EASY OPERATION**
- **CONFIGURABLE RECORDING FRAME RATES FOR EACH CHANNEL**
- **CIF, 2CIF OR D1 RECORDING QUALITY**
- **SIMULTANEOUS PLAYBACK OF ALL CHANNELS**
- **REMOTE CONNECTION VIA WEB BROWSER OR SMARTPHONE**
- **ARCHIVING TO USB OR PC**



### OTHER FEATURES

- Up to Real-Time live display and record frame rates
- Two-Way Audio
- Remote Access via PC
- Email Alarm Notification
- Fully Networkable
- RS-232/RS-485 for PTZ, POS and GPS Support
- USB for back-up and configuration
- Open-system architecture for ease of access via network
- Front Panel Interface
- Custom User Profiles
- IP Filtering
- Plug-and-play Mouse Support
- Remote Control
- Smart search
- Real-Time live display
- Fully Networkable
- Watermark
- Multi-language GUI

### DESCRIPTION

The Viola H.264 DVR series provides an efficient and economical storage of CCTV footage thanks to the compression and decoding system. Our DVR coding system is the result of extensive product and software development and testing to ensure reliable and trustworthy operation.

### SPECIFICATION

SYSTEM	O.S.	Embedded Linux 2.6
	Multiplex	Sixfold operation - simultaneous record, live, playback, back-up, control, & remote access
	Processor	Multiple
VIDEO	Certification	FCC, CE, LVDS, etc.
	Format	PAL/CCIR
	Input	16-CH, BNC, 1Vp-p/75ohm
	Main monitor	BNC x 1, S-video x 1, 1Vp-p/75ohm, VGA D-SUB 15-pin connector
	Call Monitor	BNC x 1, 1Vp-p/75ohm
	Loss detection	Yes
	Motion detection	Yes, with configurable detection area & sensitivity
AUDIO	Input	4 RCA-jack connectors, line-in level (100mV-2Vrms)
	Output	1 RCA-jack connectors, line-in level (100mV-2Vrms)
RECORD	Compression	H.264 Baseline Profile, Audio: ADPCM
	Frame rate (IPS) & Resolution	50 / 720 x 576, 100 / 720 x 288, 200 / 360 x 288
	Pre-record time	0 - 60 seconds
DISPLAY	Resolution	PAL - 720 x 576
	Split windows	1/4/7/9/10/13/16
	Frame rate	Up to 30/25 IPS per display window
	Sequential switch	User adjustable
	Digital Zoom	X2, X4
PLAYBACK	Frame rate (IPS) & Resolution	PAL - 25 / 720 x 576, 50 / 720 x 288, 100 / 360 x 288
	Search	Smart search, Date/time, Camera, Alarm, & Motion
	Operation	Play, Fast Forward, Backward, Pause, Stop, etc. Remote I.E. and HEM can also Print
STORAGE	HDD	1 set of 3.5" SATA HDDs, up to 1TB for each HDD 2 set of 3.5" SATA HDDs, up to 1TB for each HDD
	HDD Extension	Failure detection & privacy law supported Failure detection & privacy law supported
	Partitions	1 eSATA connector
	Backup	Configurable alarm partition size
		Configurable auto-overwrite or not
		1 USB 2.0 port for USB 2.0 disk drives, DVD+RW, DVD+R, DVD-R, card readers, HDD, etc.
		DVD models: DVD+RW, DVD+R, DVD-R
		Self playback for back-up files
ALARM	Input	16 contact or TTL/CMOS signal, polarity selectable
	Output	1 Normally Open, 1 Normally Closed relay output
	Buzzer	Yes
	Triggered by	Sensor input, Video loss, & Motion
	Event log	Yes
NETWORK	Ethernet	1 RJ-45 10/100BaseT Ethernet connector
	Web	Remote set-up, monitoring, back-up, alarm notification, & remote software upgrade
		Support Windows 7, Windows Vista, Windows XP, and Windows 2000
		1 I.E./Firefox for multiple DVRs
		Configurable HTTP/Control/Data port
	E-mail	Alarm notification to stationary or mobile devices
	FTP	Alarm video/audio file storage
	Video	1/4/9/16 split-window & SEQ mode for I.E. and HEM
		Dynamic electronics maps for HEM
	Audio	Bidirectional
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP
	Remote users	Up to 8 users simultaneously
	Bandwidth	TCP/IP type dynamic sliding window control
	Remote stations	PC, mobile phone, or PDA
CONTROL / GPS/POS	I/R	1 I/R remote controller
	RS-485	2-pin for PTZ control
SETUP	Local	On-screen set-up via mouse, keypad, I/R remote controller
	Remote	Set-up & upload via Windows application software
	Multi-lingual	Yes
RELIABILITY	System recovery	Auto power on after power loss recovery
	Watch Dog Timer	Yes
	Timer	Built-in real time clock
	Security	Multi-level password (3 levels, up to 18 accounts) protection with authentication key for remote access
	Dimension	430(W) x 330(D) x 66(H)mm
WEIGHTS & MEASURES	Weight	4.0 KG (without HDD)
	Source	+12VDC
POWER	Consumption	70W Max. (with 3 HDDs)
OPERATING TEMPERATURE		0°C~+45°C

# Baluns

## PASSIVE AND ACTIVE TWISTED PAIR



### VA311

The VA311 is an incredibly compact single channel passive video balun which can easily be fitted inside speed dome junction boxes, camera housings and to the rear panel of DVRs without obstructing other cable connections.

To reduce cable cost and installation time, one length of CAT-5 cable can be used for up to 4 pairs of VA311, allowing 4 camera signals to be transmitted at distances of up to 300m in colour and 600m in black & white



### VA311P

The VA311P is a compact single channel passive video balun with pigtail leads. It can easily be fitted inside speed dome junction boxes, camera housings and to the rear panel of DVRs without obstructing other cable connections.

To reduce cable cost and installation time, one length of CAT-5 cable can be used for up to 4 pairs of VA311Ps, allowing 4 camera signals to be transmitted at distances of up to 300m in colour and 600m in black & white..



### VA316

BALUN Single channel (passive) for UTP video out and power in

Located at the camera and accepts power from and feeds video back to a VA318 or VA314 over a single CAT5 cable.



### VA318

Located at the monitor end, the VA318 is a single channel passive balun that provides 12V DC power over a single CAT 5 cable to a camera at distances of up to 300m. The video output from the camera is fed down the same CAT5 cable back to the monitor. Requires a single VA316 at the camera end. The VA318 includes a PSU which provides 12V DC and a maximum of 250mA for the camera.



### VA320

A single channel active balun located at the monitor end which is used in conjunction with a VA311 at the camera end to provide CAT 5 video transmission over distances of between 300m and 1200m. The VA320 requires a separate 12V DC PSU.



### VA313

A 4 channel active balun that converts 4 BNC inputs to one CAT 5 RJ45 connection. Maximum distance is 300m for colour cameras and 600m for B/W cameras. A second VA313 at the monitor end converts the single CAT5 back in to 4 BNC outputs for connection to a DVR or monitor etc.



### VA319

The VA319 is a 1U 19" rack mount 16 way passive balun solution and provides a neat, power free solution for running up to 16 camera feeds over CAT5 cables to a rack mounted DVR.

The VA319 is fully compatible with other baluns in the range and connections can be made either using RJ45 connectors or screw terminals for maximum flexibility. Maximum transmission distance is 300m for colour signals and 600m for black & white signals.



### VA324

The unit is a 16 channel active balun that allows transmission of real-time monochrome or colour video over unshielded twisted pair telephone wire. Enabling reactance equally to zero, it transforms the video signal into an identical signal but with opposite polarized magnetic fields. With unparalleled common interferences rejection, the unit can transmit image in high quality even in strong interference environment. It is ideal for a wide variety of applications such as security, surveillance, video conferencing. Elevator surveillance and PTZ control signals.

# Power Supplies

## POWER SUPPLY RANGE

### PBOX Range

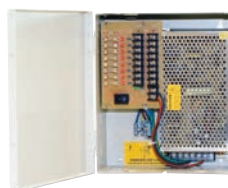
#### KEY FEATURES

- **CE LISTED**
- **INPUT 230VAC**
- **12VDC@10AMP SUPPLY CURRENT**
- **POWER ON/OFF SWITCH**
- **DC REGULATED, OVER CURRENT AND VOLTAGE PROTECTED**
- **INDIVIDUAL LED INDICATOR FOR EACH OUTPUT**
- **DIMENSIONS:250MMX213MMX95MM**



**PBOX12/16/0.5**

- Multiple outputs (16 channel)
- Sixteen glass fuse protected output



**PBOX12/8/1.5**

- Multiple outputs (8 channel)
- Eight glass fuse protected output



**PBOX12/4/2.5**

- Multiple outputs (4 channel)
- Four glass fuse protected output

#### SPECIFICATION

	PBOX12/16/05	PBOX12/8/1.5	PBOX12/4/2.5
Input Voltage		230VAC	
Outputs	16 x 12VDC	8 x 12VDC	4 x 12VDC
Maximum Supply Current	12VDC@10A	12VDC@13A	12VDC@10A
Maximum Output / Channel	0.5A	1.5A	2.5A
Regulated		DC Regulated, over current and voltage protected	
Master Power Switch		Yes	
Individual LED Fuse Indicators		Yes	
Dimensions		250 x 213 x 95mm	
CE & RoHS Compliant		Yes	

### PCAM Range



**PCAM05**

PSU Plug-In 12VDC 400mA with flying lead



**PCAM5**

PSU Switch mode 12VDC 5.2 Amp with flying leads 110-240V AC supply



**PCAM3**

PSU Switch mode 12VDC 1 Amp with flying leads



**PCAMP3/24V**

PSU Switch mode 12VDC 3 Amp with flying leads 110-240V AC supply .



**PCAM1S**

PSU Switch mode 12VDC 1 Amp with flying leads



**PCAMPL**

PSU Jack plug 2.1mm moulded to 1.5 metre cable



**PCAMPL/4**

PSU Jack plug 2.1mm moulded to 1.5 metre cable with 4 way splitter

# Cable & Connectors

All Videcon cable and connectors are available in single units and bulk quantity buying. Please call Videcon for a quotation on your CCTV and cable requirements.

## CABLE



**CABKIT1**  
CABLE RG59 Cable 1MT  
length black



**CABKIT2**  
CABLE RG59 Cable 2MT  
length black



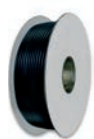
**CABKIT5**  
CABLE RG59 Cable 5MT  
length black



**CABKIT10**  
CABLE RG59 Cable 10  
MT length black



**CABKIT20**  
CABLE RG59 Cable 20  
MT length black



**RG59B-100**  
100M RG59 Black  
Coaxial Cable



**RG59W-100**  
100M RG59 White  
Coaxial Cable



**RG59B-250**  
250M RG59 Black  
Coaxial Cable



**RG59B-500**  
500M RG59 Black  
Coaxial Cable



**RG59B-2C100**  
100M RG59 2 Core  
Coaxial Cable



**RG59B-2C250**  
250M RG59 2 Core  
Coaxial Cable



**RG59B-2C100MINI**  
CABLE HDMI High  
quality 1.5 metres



**CABHDMI1.5**  
CABLE HDMI High  
quality 1.5 metres



**CABHDMI3.0**  
CABLE HDMI High  
quality 3 metres



**SCART-C**  
100M RG59 2 Core  
Coaxial Cable



**CABLE4**  
CABLE 4 Core cable  
with overall screen,  
Grey PVC outer sheath



**B-8723-500M**  
CABLE 500M twisted pair  
Beldon equivalent



**CAT5-305**  
CABLE 305m CAT5 solid

## CONNECTORS



**CG59CP**  
RG59 crimp plug  
Available in bag of  
100



**CG59CJ**  
RG59 crimp jack  
connector



**CG59MP**  
RG59 mini crimp  
plug



**CG59RC**  
RG59 right angled  
crimp plug



**CG59SP**  
RG59 screw on plug



**CG59SC**  
RG59 straight  
connector



**CG59PA**  
RG59 plug to phono  
socket



**PCG59A**  
Phono plug to  
RG59 connector



**CG59T**  
RG59 tee connector  
2 connector (male) -  
1 plug (female)



**PHONO**  
Phono plug  
suitable for  
soldering small  
screened cable



**CG59TB**  
Terminal to RG59  
plug



**CG59TPS**  
Terminal to power  
socket



**CG59TPJ**  
Terminal to power  
jack



## Other Branded Products



**You can source a wide range of third party branded CCTV and security products through Videcon. In this section of the guide you can see a selection of the third party products we offer, from Videofied, RedVision and Luminite.**

Contact us for pricing, as well as for details of the other branded products we offer on 01924 528000 or [sales@videcon.co.uk](mailto:sales@videcon.co.uk)



# What is Videofied?



**Videofied makes it easy and affordable to secure even the most difficult locations. It combines an intruder system with a basic element of video, to provide video verified alarms, and minimise unnecessary police calls.**

What's more, it can work in almost any location, even where there is no power or broadband connection. It can be battery powered, and can transmit images via a GPRS sim card, so you can even secure problem locations like unoccupied properties, rural locations or building sites.

The system uses motion viewers which detect movement and capture a 10-second video clip. This clip is then sent wirelessly via a GPRS sim card to a Remote Monitoring Station. They will then view the video clip to determine whether or not a police presence is required.

You can buy the full Videofied range from Videcon - contact us on 01924 528000 to for pricing or to arrange a demonstration.

# Control Panels


**videofied®**

Made by RSI VIDEO TECHNOLOGIES



## XT 210 GPRS

The XT control panel is a Videofied wireless, battery operated hybrid alarm system. It is designed for residential and small business security applications, as well as both indoor and outdoor commercial applications (eg. construction sites, cell tower, remote sites, substations).

- UP TO 25 DEVICES (MOTION VIEWER, SIRENS, CONTACTS KEYPADS...)
- BUILT IN GPRS AND RADIO ANTENNA WITH 2 EASY TO ACCESS CONNECTORS FOR EXTERNAL AERIALS
- 3 PROGRAMMABLE INPUTS
- 2 PROGRAMMABLE OUTPUTS
- 2 PROGRAMMABLE ARMING INPUTS
- GPRS MODEM INTEGRATED



## XTO 210 GPRS

The XTO 210 GPRS is a control panel for the RSI Videofied system. It comes with an IP rated weatherproof box, making it suitable for external use.

- UP TO 25 DEVICES (MOTION VIEWER, SIRENS, CONTACTS KEYPADS...)
- WATERPROOF IP65
- OPERATING TEMPERATURE FROM -30°C TO +60°C
- BOOSTER RF AND GPRS ANTENNAS INTEGRATED
- 3 PROGRAMMABLE INPUTS
- 2 PROGRAMMABLE OUTPUTS
- UP TO 4 YEARS BATTERY LIFE WITH LITHIUM BATTERIES



## XT IP 210 GPRS

The XT IP 210 GPRS is a Videofied wireless, battery operated hybrid alarm system. It can be powered by batteries or mains power and can be connected to an IP network to send alarm images to a remote monitoring station.

- UP TO 25 DEVICES (MOTION VIEWER, SIRENS, CONTACTS KEYPADS...)
- BUILT IN GPRS AND RADIO ANTENNA WITH 2 EASY TO ACCESS CONNECTORS FOR EXTERNAL AERIALS
- 3 PROGRAMMABLE INPUTS
- 2 PROGRAMMABLE OUTPUTS
- 2 PROGRAMMABLE ARMING INPUTS
- GPRS MODEM INTEGRATED
- ETHERNET INTERFACE



## XV 210 GPRS

The XV control panel is a Videofied wireless, battery operated hybrid alarm system with voice verification capability.

It is designed for residential and small business security applications or commercial applications like construction sites.

- UP TO 25 DEVICES (MOTION VIEWER, SIRENS, CONTACTS KEYPADS...)
- BUILT IN GPRS AND RADIO ANTENNA WITH 2 EASY TO ACCESS CONNECTORS FOR EXTERNAL AERIALS
- 3 PROGRAMMABLE INPUTS
- 1 PROGRAMMABLE OUTPUT
- 2 WIRED SPEAKERS
- GSM/GPRS MODEM INTEGRATES



## XV-IP 210 GPRS

The XV-IP 210 GPRS control panel can be used as part of an RSI Videofied installation. Videofied is an intruder detection system which uses Video Verification to determine the cause of an alarm. This can help eliminate unnecessary police calls.

- UP TO 25 DEVICES (MOTION VIEWER, SIRENS, CONTACTS KEYPADS...)
- BUILT IN GPRS AND RADIO ANTENNA WITH 2 EASY TO ACCESS CONNECTORS FOR EXTERNAL AERIALS
- 3 PROGRAMMABLE INPUTS
- 1 PROGRAMMABLE OUTPUT
- 2 WIRED SPEAKERS
- GSM/GPRS MODEM INTEGRATES
- ETHERNET INTERFACE



## XL 200 GPRS

The XL 200 GPRS Control Panel is designed for residential use. It works as part of an RSI Videofied installation.

It includes an integrated keypad and proximity card reader for easy arming and disarming of the system. It gives audible and visible feedback that the system is arming or disarming.

- INSTANT VIDEO OF INTRUSION WITH 2-WAY VOICE OVER GSM/GPRS CELL
- UNPLUGGED - TOTALLY WIRELESS AND NO AC POWER NEEDED
- GSM/GPRS CELL ELIMINATES ALL WIRED CONNECTIONS
- INTEGRATED PROXIMITY CARD ARMING/DISARMING FOR EASE OF USE
- UP TO 19 DEVICES (MOTION VIEWER, SIRENS, CONTACTS KEYPADS...)
- ANTENNA INTEGRATED
- SIREN OUTPUT



## DCV200

### Indoor Motion Viewer

The DCV200 Motion Viewer is a battery operated, wireless indoor motion-activated video camera designed for use in Videofied security systems.

Motion-activated cameras are intended for applications where video verification of intrusion alarms is necessary or desired.

- CMOS MONO SENSOR
- 85 DEGREE WIDE ANGLE LENS
- 2 IR LEDS WITH 14M RANGE
- DUAL ELEMENT PIR MOTION DETECTOR



## DCVA200

### Indoor 'Pet Immune' Motion Viewer

The DCVA200 MotionViewer DCV is a battery operated, wireless indoor motion-activated video camera designed for use in Videofied security systems.

Motion-activated cameras are intended for applications where video verification of intrusion alarms is necessary or desired. The DCV consists of a digital camera, a passive infrared motion detector, and S2 VIEW spread spectrum, videofied interactive, encrypted wireless circuitry for secure two-way communications with the control panel.

- CMOS MONO SENSOR
- 85 DEGREE WIDE ANGLE LENS
- 2 IR LEDS WITH 14M RANGE
- DUAL ELEMENT PIR MOTION DETECTOR
- PET IMMUNE FOR DOMESTIC USE



## DCV250

### Outdoor Motion Viewer

The DCV250 Outdoor MotionViewer Camera is a battery operated, wireless outdoor motion activated camera designed for use in Videofied security systems.

Motion-activated cameras are intended for applications where video verification of intrusion alarms is necessary or desired.

- CMOS MONO SENSOR
- 85 DEGREE WIDE ANGLE LENS
- 2 IR LEDS WITH 14M RANGE
- DUAL ELEMENT PIR MOTION DETECTOR
- WEATHERPROOF HOUSING

# PIR Detectors



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## ITR110

The ITR110 is a wireless, indoor motion detector designed for use in Videofied security systems.

The alarm segments are reported via the control panel to the central monitoring station, and can also be sent to Email addresses for viewing.



## ITRA110

The ITRA110 is a wireless, indoor Pet-Immune motion detector designed for use in Videofied security systems.

It operates the same as the ITR110 but is 'Pet Immune' making it suitable for domestic use.

# Sirens



## SE200

The SE200 Indoor Siren is a battery operated, wireless siren designed for use in Videofied security systems.

The siren consists of a sounder and S2View Spread Spectrum, Videofied, interactive, encrypted wireless circuitry for secure two-way communication with the control panel.



## SE250

The SE250 Outdoor Siren/Strobe is a battery operated, wireless combination unit designed for use in Videofied security systems.

The unit consists of a sounder, strobe light, and S2View Spread Spectrum, Videofied, interactive, encrypted wireless circuitry for secure two-way communication with the control panel.



## CMA200

### Keypad

The CMA 200 keypad is a battery operated, wireless alphanumeric keypad designed for configuring/programming and operating Videofied security systems.

The keypad consists of a liquid-crystal (LCD) display with two 16-character lines, multi-function push buttons, a panic alarm button, a built-in sounder, and S2View spread spectrum, videofied, interactive, encrypted wireless circuitry for secure two-way communication with the control panel.

- TWO LINE DISPLAY, 16 CHARACTERS PER LINE
- AUTOMATIC BACKLIGHTING WHEN IN USE
- ALPHA-NUMERIC KEYBOARD
- DUAL TAMPER PROTECTS WALL AND COVER
- PANIC BUTTON
- LITHIUM BATTERY LIFE UP TO 4 YEARS



## VT100

### RSI Prox Tag for use with BR250 (pack of 10)

RSI ProxTag for BR250 (pack of 10)

Pack of 10 proximity tags for arming and disarming Videofied security systems. See also the BR250 Badge Reader.

- PACK CONTAINS 10 PROXIMITY TAGS
- WORKS WITH BR250 READER



## BR250

### Outdoor Proximity Reader

The BR250 Outdoor Proximity Reader is a battery operated, wireless Proximity Reader designed for arming and disarming operation of Videofied security systems.

The Proximity Reader consists of two LEDs for status information, a built in sounder, S2View Spread Spectrum, interactive, encrypted wireless circuitry for secure two-way communication with the control panel, and is multi badge programmable.

- LED ARMED STATUS DISPLAY
- AUDIBLE BADGE READ CONFIRMATION
- DUAL TAMPER PROTECTS WALL AND COVER
- LITHIUM BATTERY LIFE UP TO 4 YEARS



## RC200

### Keyfob

The RC200 Keyfob is a battery operated, wireless remote control designed for basic operation of Videofied security systems.

The keyfob consists of four push buttons for system arming, disarming, panic alarms, and uses S2View Spread Spectrum, Videofied, interactive, encrypted wireless circuitry for secure two-way communication with the control panel.

- CAPABLE OF ARMING SELECTED ZONES INDIVIDUALLY
- BATTERY STATUS TRANSMITTED WITH EVERY USE
- AUDIBLE AND SILENT PANIC ALARMS
- LITHIUM BATTERY LIFE UP TO 10 YEARS



# Accessories



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## XANTCABLE

RSI External Antenna Extension Cable

- EXTENDS THE RF OR GPRS RANGE OF A SYSTEM
- WORKS WITH XANTKIT-EU EXTERNAL ANTENNA



## XANTKIT-EU

RSI External Antenna and Connection for 868Mhz panel

- EXTENDS THE RF RANGE BETWEEN THE PANEL AND DEVICES



## XCABL-USB

RSI USB cable for X series panel programming.

- ALLOWS CONNECTION TO A PC VIA USB
- MUST BE USED WITH FRONTEL SOFTWARE



## XANTGPRS-KIT

RSI External Antenna for GPRS

- BOOSTS GPRS SIGNAL IN REMOTE AREAS
- NO POWER REQUIRED



## XTVPS-100

RSI XT/XV Power Supply - 100-240V/50-60Hz

- FOR USE WITH XT AND XV PANELS ONLY



## TP200

RSI Speaker/intercom

- ENABLES AUDIO 'WARN OFF'
- COMPATIBLE WITH XV PANELS ONLY



## LS 14500

RSI AA Cell Lithium

- FOR USE WITH PERIPHERALS (EG MOTION VIEWERS)



## LSH 20

RSI D Cell Lithium

- FOR USE WITH CONTROL PANELS

## KEY FEATURES

- CAMERAS SUPPLIED AS DOME-EASY CONVERT TO PTZ
- RUGGED ALUMINIUM CASTING AND TOUGHENED WINDOW
- 0.1/SECOND TO 200/SECOND FOR PRECISE CONTROL
- 18X SONY FCB CAMERA MODULE
- UP THE COAX AND 485 CONTROL OPTIONS
- 100 PRESETS, 8 TOURS, ALARM OPTIONS
- PRIVACY, 24 PROGRAMMABLE ZONES



## OTHER FEATURES

- Wiper option available
- Versions available with IR

## DESCRIPTION

All X-SERIES cameras can be configured as either conventional Domes or Ball type Pan & Tilts. Cameras are supplied as Domes, but can easily be transformed to Pan & Tilts by removing the Dome Top Cover.

### Dome Configuration.

X-series domes all have flat toughened glass windows providing superior optics compared to conventional Dome bubbles. Unlike conventional Domes the X-series Cameras can see above the horizon without the videopicture being clipped by the Dome top.

### Ball PTZ Configuration.

.X-Series Ball PTZ can be inverted and tower mounted. This mounting option provides full 360° vision.

## SPECIFICATION

Camera Module	FCB-EX490EP, 18X module 550 TV lines, Colour/mono TDN.
Mechanical	
Material	Powder coat die cast aluminium. Toughened glass window
Environment	-35°C to +50°C, IP 66
Weight	7Kg
Telemetry:	
RS 485	Pelco P, Pelco D, Vista, Dennard.
Coaxial	BBV
Power Supply Options	
RV-PSU	110-240V input. 24VDC 2A output.
RV-PSU-ALM16	PSU including 16 alarm inputs.
RV-PSU-ALM16-W	PSU with 16 alarm inputs and wireless PIR interface.

## Mounting Bracket Options



### Mounting Bracket Options Order Codes



## Order Codes

- RV-X18 X-Series Dome/PTZ Camera.
- RV-X18-W X-Series Dome/PTZ Camera with Wiper

# RV-X18-IR / RV-X18-IR-W



## PTZ DOME WITH INFRA RED

### KEY FEATURES

- CAMERAS SUPPLIED AS DOME-EASY CONVERT TO PTZ
- RUGGED ALUMINIUM CASTING AND TOUGHENED WINDOW
- 0.1/SECOND TO 200/SECOND FOR PRECISE CONTROL
- 18X SONY FCB CAMERA MODULE
- UP THE COAX AND 485 CONTROL OPTIONS
- 100 PRESETS, 8 TOURS, ALARM OPTIONS
- PRIVACY, 24 PROGRAMMABLE ZONES

### OTHER FEATURES

- Wiper option available
- Versions available without IR

### SPECIFICATION

Camera Module	FCB-EX490EP, 18X module 550 TV lines, Colour/mono TDN.
IR Illumination	
IR Wavelength	830nm (940nm wavelength to special order).
Range	Up to 100 metres.
Mechanical	
Material	Powder coat die cast aluminium. Toughened glass window
Environment	-35°C to +50°C. IP 66
Weight	7Kg
Telemetry:	
RS 485	Pelco P, Pelco D, Vista, Dinnard.
Coaxial	BBV
Power Supply Options:	
RV-PSU	110-240V input. 24VDC 2A output.
RV-PSU-ALM16	PSU including 16 alarm inputs.
RV-PSU-ALM16-W	PSU with 16 alarm inputs and wireless PIR interface.

### DESCRIPTION

All X-SERIES cameras can be configured as either conventional Domes or Ball type Pan & Tilts. Cameras are supplied as Domes, but can easily be transformed to Pan & Tilts by removing the Dome Top Cover. In-built IR provides up to 100 metres illumination at Zero Lux. Wiper options available.

#### Dome Configuration.

X-series domes all have flat toughened glass windows providing superior optics compared to plastic Domes. Unlike conventional Domes the X-series Cameras can see above the horizon without the video picture being clipped by the Dome top.

#### Ball PTZ Configuration.

X-Series Ball PTZ can be inverted and tower mounted. This mounting option provides full 360 vision.

### Mounting Bracket Options



**RV-PNDT**  
Pendant Mount



**RV-CNR**  
Corner Mount



**RV-SWAN**  
Swan Mount



**RV-WALL**  
Wall Mount



**RV-PED**  
Pedestal Mount

### Order Codes

- RVX28-IR X-Series Dome/PTZ Camera with built in IR.
- RVX28-IR-W X-Series Dome/PTZ Camera with built in IR and Wiper.

## PTZ DOME

### KEY FEATURES

- CAMERAS SUPPLIED AS DOME-EASY CONVERT TO PTZ
- RUGGED ALUMINIUM CASTING AND TOUGHENED WINDOW
- 0.1/SECOND TO 200/SECOND FOR PRECISE CONTROL
- 28X SONY FCB CAMERA MODULE
- UP THE COAX AND 485 CONTROL OPTIONS
- 100 PRESETS, 8 TOURS, ALARM OPTIONS
- PRIVACY, 24 PROGRAMMABLE ZONES

### OTHER FEATURES

- Wiper option available
- Versions available with IR



### DESCRIPTION

All X-SERIES cameras can be configured as either conventional Domes or Ball type Pan & Tilts. Cameras are supplied as Domes, but can easily be transformed to Pan & Tilts by removing the Dome Top Cover.

#### Dome Configuration.

X-series domes all have flat toughened glass windows providing superior optics compared to conventional Dome bubbles. Unlike conventional Domes the X-series Cameras can see above the horizon without the video picture being clipped by the Dome top.

#### Ball PTZ Configuration.

X-Series Ball PTZ can be inverted and tower mounted. This mounting option provides full 360 vision.

### SPECIFICATION

Camera Module	FCB-EX980EP, 28 X module 530 TV lines. Colour/mono TDN.
Mechanical	
Material	Powder coat die cast aluminium. Toughened glass window
Environment	-35°C to +50°C, IP 66
Weight	7Kg
Telemetry:	
RS 485	Pelco P, Pelco D
Coaxial	BBV
Power Supply Options	
RV-PSU	110-240V input, 24VDC 2A output.
RV-PSU-ALM16	PSU including 16 alarm inputs.
RV-PSU-ALM16-W	PSU with 16 alarm inputs and wireless PIR interface.

### Mounting Bracket Options



**RV-PNDT**  
Pendant Mount



**RV-CNR**  
Corner Mount



**RV-SWAN**  
Swan Mount



**RV-WALL**  
Wall Mount



**RV-PED**  
Pedestal Mount

### Order Codes

- RV-X28 X-Series Dome/PTZ Camera.
- RV-X28-W X-Series Dome/PTZ Camera with Wiper

# RV-X28-IR / RV-X28-IR-W



## PTZ DOME WITH INFRA RED

### KEY FEATURES

- CAMERAS SUPPLIED AS DOME-EASY CONVERT TO PTZ
- RUGGED ALUMINIUM CASTING AND TOUGHENED WINDOW
- 0.1/SECOND TO 200/SECOND FOR PRECISE CONTROL
- 28X SONY FCB CAMERA MODULE
- UP THE COAX AND 485 CONTROL OPTIONS
- 100 PRESETS, 8 TOURS, ALARM OPTIONS
- PRIVACY, 24 PROGRAMMABLE ZONES

### OTHER FEATURES

- Wiper option available
- Versions available without IR

### SPECIFICATION

Camera Module	FCB-EX980EP, 28 X module 530 TV lines, Colour/mono TDN
IR Illumination	
IR Wavelength	830nm (other wavelengths to special order)
Range	Up to 100 metres.
Mechanical	
Material	Powder coat die cast aluminium, Toughened glass window
Environment	-35°C to +50°C, IP 66
Weight	7Kg
Telemetry	
RS 485	Pelco P, Pelco D
Coaxial	BBV
Power Supply Options:	
RV-PSU	110-240V input, 24VDC 2A output.
RV-PSU-ALM16	PSU including 16 alarm inputs.
RV-PSU-ALM16-W	PSU with 16 alarm inputs and wireless PIR interface.

### DESCRIPTION

All X-SERIES cameras can be configured as either conventional Domes or Ball type Pan & Tilts. Cameras are supplied as Domes, but can easily be transformed to Pan & Tilts by removing the Dome Top Cover. In-built IR provides up to 100 metres illumination at Zero Lux. Wiper options available.

#### Dome Configuration.

X-series domes all have flat toughened glass windows providing superior optics compared to plastic Domes. Unlike conventional Domes the X-series Cameras can see above the horizon without the video picture being clipped by the Dome top.

#### Ball PTZ Configuration.

X-Series Ball PTZ can be inverted and tower mounted. This mounting option provides full 360 vision.

### Mounting Bracket Options



**RV-PNDT**  
Pendant Mount



**RV-CNR**  
Corner Mount



**RV-SWAN**  
Swan Mount



**RV-WALL**  
Wall Mount



**RV-PED**  
Pedestal Mount

### Order Codes

- RVX28-IR X-Series Dome/PTZ Camera with built in IR.
- RVX28-IR-W X-Series Dome/PTZ Camera with built in IR and Wiper.

## 12V EXTERNAL PIR DETECTOR

### KEY FEATURES

- **FRESNEL LENS 15M.**
- **HORIZONTAL AND VERTICAL CURTAIN.**
- **IP65 TOUGH ABS WEATHER PROOF ENCLOSURE.**
- **FULLY ADJUSTABLE DETECTOR HEAD.**
- **HIGH RF AND EMI FILTERING.**
- **WHITE LIGHT FILTER.**
- **DUAL ELEMENT PYRO SENSOR WITH DIGITAL PROCESSING.**
- **POWER REQUIREMENTS 12 VOLTS DC @ 15MA.**
- **SELECTABLE PULSE COUNT.**
- **VOLT FREE RELAY OUTPUT SELECTABLE AS NORMALLY OPEN OR NORMALLY CLOSED.**
- **ANTI TAMPER.**
- **COMPATIBLE WITH MOST MAKES OF DVR AND ALARM SYSTEMS.**
- **WALK TEST SOCKET FOR EX6 SOUNDER.**
- **COMPLIANT WITH BS8418:2003**
- **COLOUR GREY.**
- **OPTIONAL COLOURS WHITE OR BLACK. (SPECIAL ORDER)**
- **TEMPERATURE RANGE -10 +50 DEG.**



### DESCRIPTION

The GX250 12 volt wired PIR detector comes from a long line of pedigree detectors, the first of which was developed in 1984.

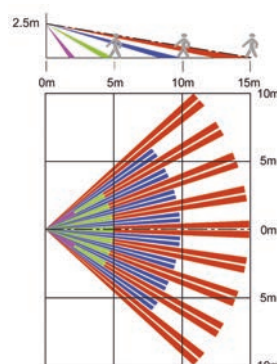
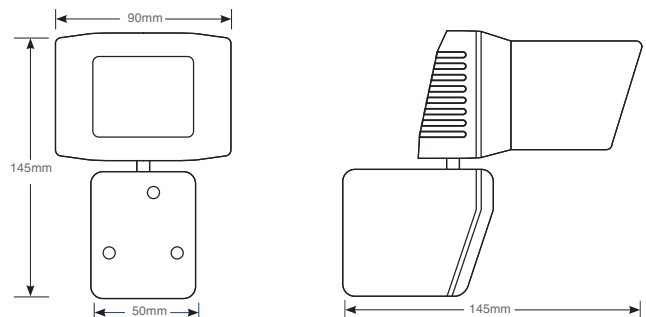
With constant development, many improvements have taken place over the years and today the GX250 is rated highly for performance and has a well proven track record for reliability and quality.

Now with anti-tamper the GX250 complies with BS8418:2003 and will interface with most makes of alarm systems and DVRs.

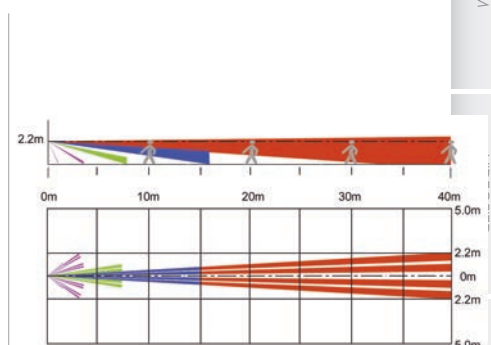
A walk test socket is provided to plug in an EX6 sounder to assist with commissioning.

Use the GX250/15 for general wide area medium range coverage and is ideal for perimeter protection.

SPECIFICATION	
Supply	2V DC
Power consumption	17m/a max 7m/a min
Siting	Can be mounted in horizontal or vertical modes and adjusted to various angles
Detection	Passive Infrared
Coverage	15m Medium range 40m Narrow range 12m Horizontal Curtain 12m Vertical Curtain
Contacts	Volt free N/O or N/C
Contact time	2 seconds
Sensor	Dual element pyro
Compatibility	DVR and alarm systems
Test facility	EX6 Sounder
Anti tamper	Front cover
Temperature range	-10 to +60°C
Weather rating	IP65
Enclosure	colour: grey. Optional colours: white or black



**GX250/15**  
15 metres Medium range



**GX250/40**  
40 metres Narrow range

### Order Codes

- GX250/15 15 metres Medium Range
- GX250/40 40 metres Narrow Range



# TX500



## WIRELESS PIR DETECTOR

### KEY FEATURES

- UP TO 1KM LINE OF SIGHT TRANSMISSION
- LITHIUM OR ALKALINE BATTERY OPERATED
- CHOICE OF TWO DETECTION PATTERNS  
(15M MEDIUM RANGE, 40M NARROW RANGE)
- COMPATIBLE WITH RX16 TRANSMITTER



### Order Codes

- TX5000/15 15 metres Medium Range
- TX500/40 40 metres Narrow Range

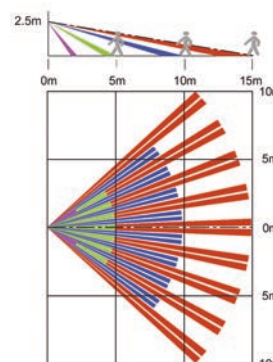
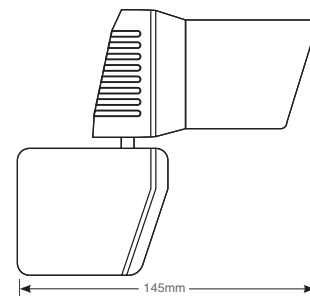
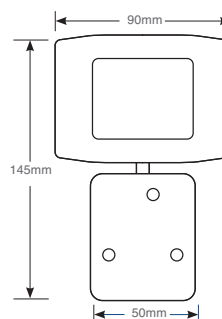
### DESCRIPTION

The TX500 Wireless Detectors are battery operated (PP 3 type) and have the same appearance as their GX200 hard wired low voltage counterparts.

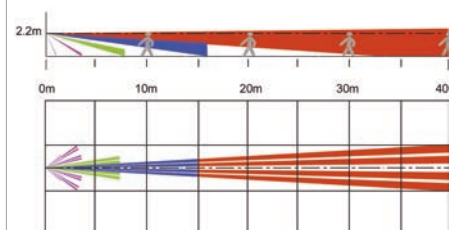
This VHF wireless PIR detector has a transmission range of up to 1km line of sight if used with an RX16DC receiver and AE173 aerial. Day time operation can be inhibited if required.

### SPECIFICATION

Supply	9 volt battery (PP 3) type. Use alkaline long life type or lithium
Battery life	Approx. 36 months (depending on situation). Battery life approx 50,000 transmissions Alkaline or 100,000 Lithium.
Transmitter power	10 milli-watt with external aerial
Frequency	173.225 Mhz (VHF MPT 1344)
Modulation	Pulse Modulation AM
Site Codes	32
Unit Codes	16 Use these with the RX16 receiver and RX16DC receivers
Siting	Can be mounted in horizontal or vertical modes and adjusted to various angles
Detection	Passive Infrared
Coverage options	15m Medium range 40m Narrow range 12m Horizontal Curtain 12m Vertical Curtain
Range	Line of sight between aerials without obstruction up to 100 metres when used with the RX8, RX300, RX400 and RX16 standard. 1000 metres plus is achievable when used with the RX16DC receiver.
Ambient light control	Built in light sensor for use with DX100, RX300 and RX8
Temperature range	-10 to +60°C
Weather rating	IP56
Enclosure	Durable ABS UV stabilised housing. Colour grey. Optional black or white colours.



**TX500/15**  
15 metres Medium range



**TX500/40**  
40 metres Narrow range

# RX16 / RX16DC



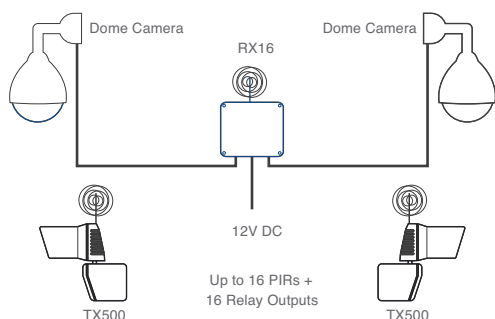
## WIRELESS RECEIVER/CONTROLLER

### KEY FEATURES

- **4 ZONE MODULE**
- **CAN BE UPGRADED TO UP TO 16 ZONES**
- **COMPATIBLE WITH PTZ CAMERAS AND ALARM PANELS**
- **IP66 RATED**



### INSTALLATION



### DESCRIPTION

The RX16 is a modular radio receiver with multi switched outputs built in an IP66 weather proof plastic enclosure.

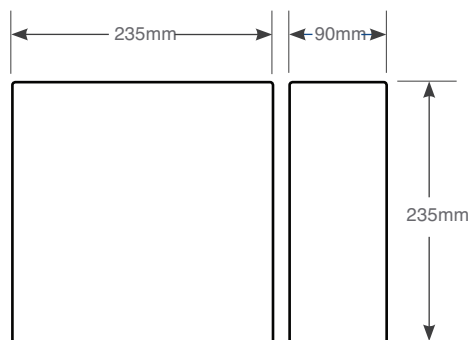
The unit comes fitted with one 4 zone module (PC4) as standard and a further three (PC4) 4 zone modules may be fitted to increase the capacity to a maximum of sixteen outputs. This product is primarily intended for use with speed dome cameras where it will receive data from wireless PIR detectors (TX500) around the area and give the appropriate output to position the camera.

It can also be used with multi zone alarm panels for other security applications where remote PIR detectors are required.

### SPECIFICATION

MODEL	RX16	RX16DC
Receiver frequency	173.225Mhz	
Reception Range	150m max line of sight (with AE173)	1km max line of sight (with AE173)
Aerial	Integral Helical	
Site codes	32	32
Unit codes	16	16
Contact Duration	2 Seconds	
Operating voltage	12V DC	
Power Consumption	Max 180m/a	
Temperature Range	-10 to +50°C	-10 to +60°C
Weather Rating	IP66	
Enclosure	Grey ABS plastic housing	

### DIMENSIONS



# LGWP PIR Range



## WIRELESS PIR SYSTEM

### KEY FEATURES

- **5 ZONE PATTERNS AVAILABLE (SEE DETAILS BELOW)**
- **BS8418 COMPLIANT**
- **GRADE 2 EN50131-1**
- **LITHIUM OR ALKALINE BATTERY OPERATED (UP TO 2 YEAR BATTERY LIFE)**



### Order Codes

- LGWP3020 30m(L) x 20m(W)
- LGWP1520 15m(L) x 20m(W)
- LGWP4004 40m(L) x 4.5m(W)
- LGWP12HC 12M HORIZONTAL CURTAIN
- LGWP12VC 12M VERTICAL CURTAIN

### DESCRIPTION

Genesis uses sophisticated signal processing and optics to minimise nuisance alarms caused by the sun, shadows and reflections.

The Genesis detector is now well established in the market and recognised as a reliable and sturdy product with excellent wireless communication capabilities. A>D conversion and a powerful micro controller ensure accurate reliable detection under challenging conditions. Strong and durable, the enclosure is made from 3mm thick Polycarbonate and stainless steel locking bolts for added strength. Battery life is around two years which is achieved by a special regulator that maintains optimum performance while the batteries are running down.

The new 3020 detector has the additional feature of twin dual element pyroelectric sensors with mirror/ lens optics. All models now have Infra Red anti-masking, 3 axis acceleration sensors and conform to EN50131-1 Grade 2.

### SPECIFICATION

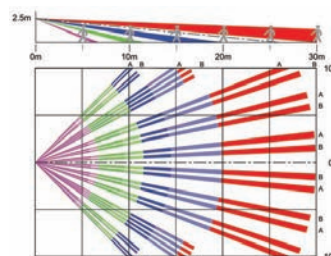
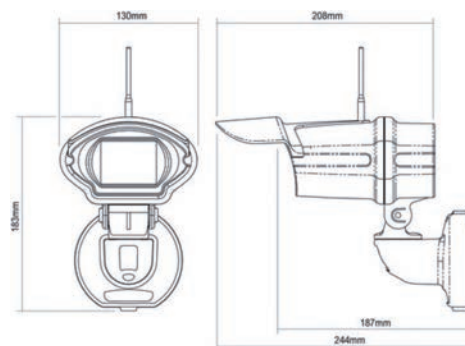
	LGWP3020	LGWP1520	LGWP4004	LGWP12HC	LGWP12VC
BS8418 compliant	Yes				
Detector lens	30mx20m	15mx20m	40mx4.5m	12m horizontal curtain	12m vertical curtain
Grade 2 EN50131-1	Yes				
Guarantee (years)	2				
Battery life (years)	2				
Mounting height (m)	2.5 - 4.0				
Enclosure tamper	Yes				
Shock sensor	Yes				
Anti masking (Clock)	Infra Red				
3 Axis orientation sensor	Yes				
Pyro sensors	Twin dual	Single Dual	Single Dual	Single Dual	Single Dual
Mirror optics	Yes				
Temperature compensation	Yes				
Day light compensation	Yes				
Periodic polling	Yes				
Transmission range and type	1Km Pan European UHF FM				
License exempt	Yes				
Enclosure	Weatherproof to IP66, 3mm polycarbonate.				
Temperature range	-10°C to +60°C.				

### ACCESSORIES

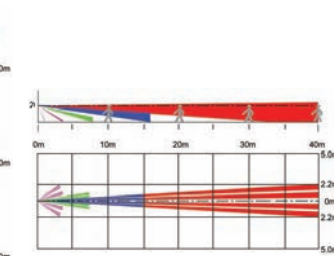


- LGWT434 Walk test instrument

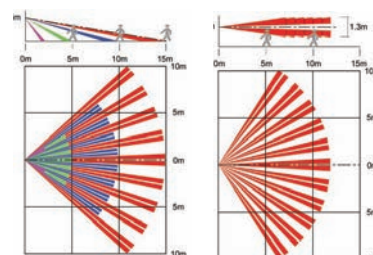
### DIMENSIONS



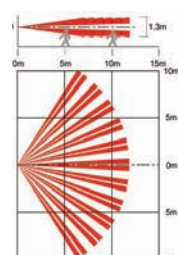
LGWP3020 ZONE PATTERN  
LONG WIDE RANGE



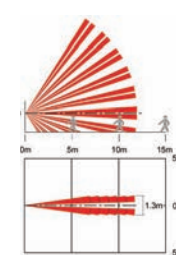
LGWP4004 ZONE PATTERN  
LONG NARROW RANGE



LGWP1520 ZONE PATTERN  
MEDIUM WIDE RANGE



LGWP12HC ZONE PATTERN  
HORIZONTAL CURTAIN



LGWP12VC ZONE PATTERN  
VERTICAL CURTAIN



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